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23

**Undergraduate
Prospectus 2022/23**

#StudyAtUL



**University of Limerick has won
Best Student Campus
in both 2019 and 2020*.**

*Irish Education Awards

Welcome to University of Limerick

Follow us on Social Media

UL's social media channels are a window into the day-to-day life on campus. To find out more about what your UL experience could be like follow us on:

Facebook: UniversityOfLimerick

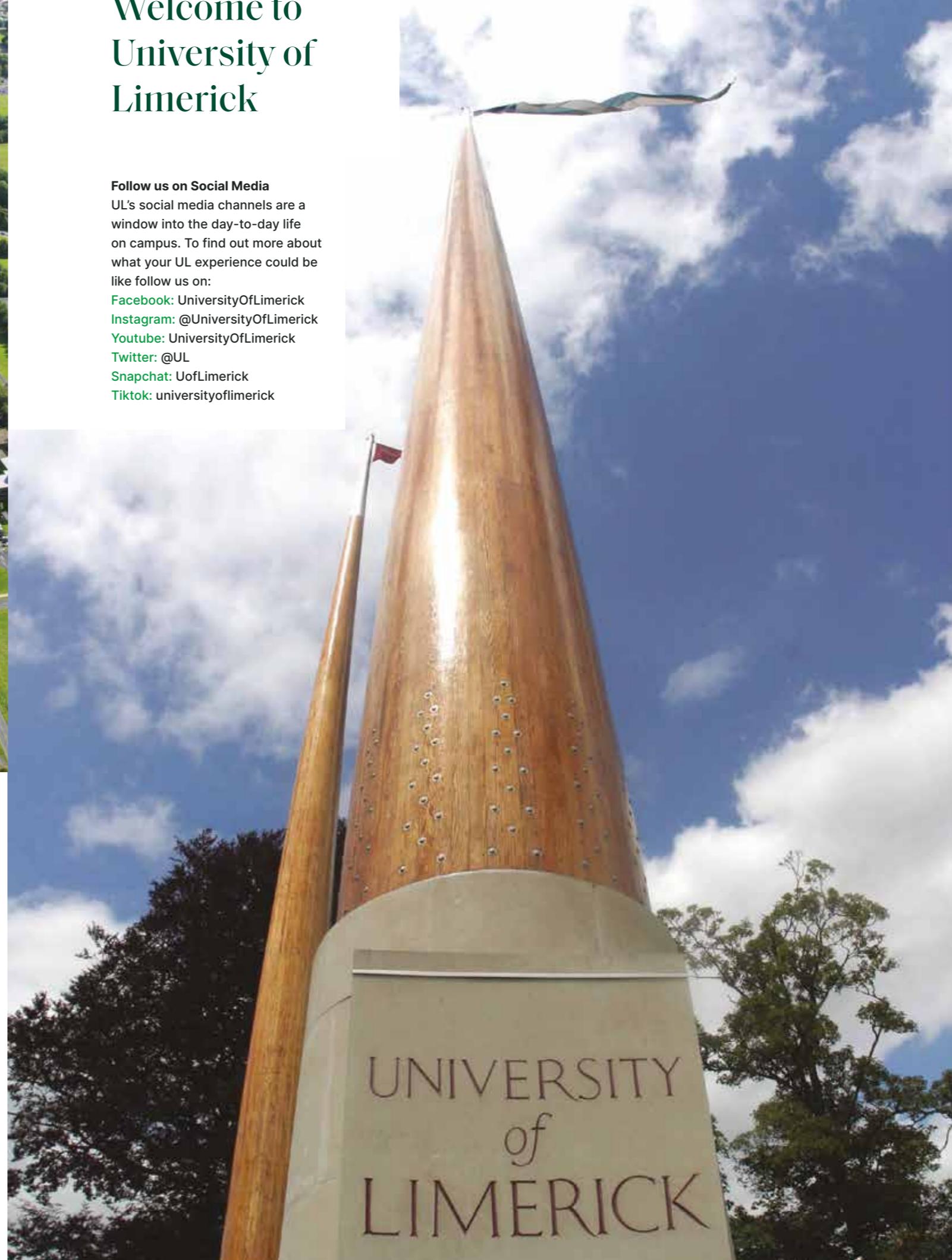
Instagram: @UniversityOfLimerick

Youtube: UniversityOfLimerick

Twitter: @UL

Snapchat: UofLimerick

Tiktok: universityoflimerick



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NOTE: The contents of this Annual Course Guide are for information purposes only and should not be viewed as the basis of a contract between a student and the University. All information is correct at the time of print. No guarantee is given that courses, syllabuses, awards, fees, event dates or regulations may not be altered, cancelled or otherwise amended at any time.

Welcome to the University of Limerick

I hope you can use this prospectus to imagine great things in your future, because these are the first steps you will take in pursuing it. This prospectus will give you all of the facts you need to aid your decision to choose to study at University of Limerick and we hope that you can also imagine how life beyond the classroom will be from the information you will find here.

2020 has been an extraordinary year for all of us in dealing with the global pandemic but UL has responded quickly and innovatively to ensure our academic programmes were delivered initially entirely virtually. We are moving into a brighter future and plans are underway to bring students safely back to campus.

The best advocates of UL are our Alumni, our graduates. They began, like you now, with only an idea of what the university experience might be like, and now all over the world there is a family of UL graduates who are connected by a shared and deeply formative experience of learning and growing.

Our graduates are among the most likely to leave university with employment secured, because our graduate employment rate is consistently higher than the national average. Part of the reason for this is the outstanding reputation and the excellent relationships UL has built with employers through a variety of partnerships and through the University's Cooperative Education programme. The Co-op programme is one of the largest work integrated learning programmes in Europe.

Each year, well over 2,000 UL students across 46 degree programmes undertake a six- to eight-month work placement as part of their undergraduate studies, one fifth of which are with international companies. This means that as well as having the academic credentials, students

graduate from UL with professional experience already on their CVs.

Studying at UL is a chance in a lifetime for personal development in the broadest sense. Choosing a programme of study is very important. Third level allows students, for the first time in their education journey, to choose the area they want to study further and to step closer to who they want to be. Choosing a university that can offer the best possible student experience is equally as important.

We know that third-level education can be daunting and we have an impressive welcome calendar of events for our new students including the First Seven Weeks Programme. The first of its kind in Ireland, its aim is to ensure your university experience gets off to the very best start, to make certain there are no barriers to you fully engaging with everything UL has to offer and to safeguard that you feel safe, secure and included as you start your UL journey.

UL has many diverse societies and clubs that add hugely to the life and fabric of the university and the wider community. There is something for everyone and I would encourage every

incoming UL student to join lots of clubs and societies. UL is also an international institution with more than 2,500 students from over 100 countries being part of the community of learners. As a full-time undergraduate student, you can also opt to study abroad at some of the world's top universities to gain an international education and take your place as an engaged global citizen.

I hope that you will choose to join us at UL and that after your time here you will become a member of a unique global alumni family, whose aspirations have been heightened, whose minds have been broadened and whose leadership has been ascertained. As a student, you will feel a great sense of history, of walking in the footsteps of successful graduates.

However, you are also forging your own path towards achieving your potential and we hope that it brings you to UL. Like many UL graduates, perhaps you too will shape the history and the future of Ireland and the wider world.

With warm regards,

Professor Kerstin Mey
President



Open Days

2021

Friday 29th October

Saturday 30th October

www.studyatul.ie

*These events are subject to change.
Please check out www.studyatul.ie
for the most up to date information.

UL - Home of Firsts

A University of 'Firsts', UL prides itself on being ahead of many of Ireland's third level institutions in providing unique education and sports facilities for all our students.

University of Limerick has pioneered a wide range of initiatives that sets us apart. Many of our facilities and courses are the only ones available in Ireland. UL offers unrivalled facilities to ensure that our students have THE best university experience in Ireland. To find out more, go to www.ul.ie/courses/home-firsts



First for Employment

Our graduate employment rate is consistently higher than the national average.



First for Co-Op

UL was the first university in Ireland to place students in industry for work experience under the Cooperative Education (Co-Op) programme.



First for Supports

Our First 7 Weeks programme is unique to UL.

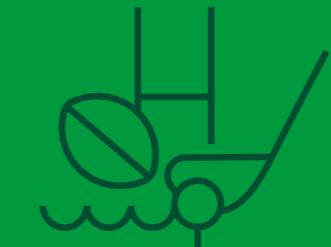
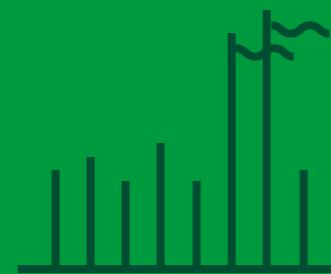
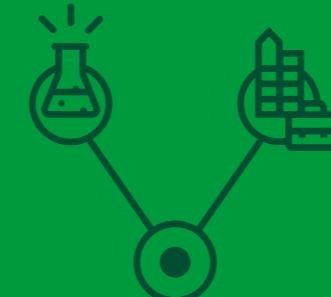
First for Facilities

Home to one of the largest campus libraries in Ireland.



First for Sport

UL Sport is home to Ireland's First Olympic-standard 50m Pool and Europe's largest all-weather sports field complex.



Exceptional on-campus village accommodation

Largest work placement programme of any university in Ireland

Graduate employment rates that are consistently higher than the national average

One of the top 3 universities in Europe for career preparation

Ireland's sporting campus

New Programmes at UL

LM123 BSc Biomedical Science (entry route LM123 Biological and Chemical Sciences Common Entry)

This course responds to increasing demands nationally and internationally to produce Science graduates with strong expertise in Biomedical Science for the Health area and the Life Science industry. These areas are extremely important to Ireland's economy and Ireland's healthcare system and the future growth of both of these sectors. Graduates of the programme will be well positioned to gain an understanding of the importance of partnerships with healthcare professionals and gain employment in areas that design novel approaches in the diagnosis of disease and treatment of patients.

LM173 Bachelor/Masters of Science in Immersive Software Engineering

UL is offering you a new way to learn computer science through ISE. The goal of Immersive Software Engineering is to turn curious, creative people into top notch problem solvers and software engineers, familiar with concepts, methods and tools, and with about 2 years of experience gained in the field in up to 5 companies. Software engineers enjoy incredible careers. They work all over the world, in every sector of economy and society, shaping the solutions to the important problems the world faces, at the local and at the global level. They are well rewarded for it, both economically and in prestige.

LM174 Bachelor/Master of Science in Artificial Intelligence and Machine Learning

UL's Artificial Intelligence and Machine Learning degree, is the first of its kind in the country and draws on the expertise of the Computer Science and Information Systems Department built over many years. During their third year students will get the chance to spend 8 months putting the techniques and skills they have been taught to practical use, as part of an integrated cooperative education (work placement) component. Later in this year they may opt to exit after the fourth year with a bachelors degree or to continue for a fifth year, after which they will have the opportunity to exit with a masters.



Reasons to #StudyAtUL

At UL, you'll find a university experience that will challenge and demand the best of you. In return, you'll get a top quality education and preparation for life like no other.

UL is big enough to 'challenge you', yet small enough to ensure that no one gets lost in the crowd. #StudyAtUL

1. Our students get jobs

Our graduate employment rate is consistently higher than the national average. UL graduates have claimed titles such as 'Journalist of the Year' and 'Graduate Employee of the Year'.

www.ul.ie/careers

2. Work experience as part of every degree

You'll be career-ready with a UL degree. "Co-op" facilitates the career development of UL students as an integral part of their academic programme. Work placement enables you to "hit the ground running" and gives you a great platform when making the transition from college to the workplace.

www.ul.ie/coop

3. Affordable living at UL

The costs of living and socialising in Limerick are arguably lower than in many other parts of the country. We provide a wide choice of accommodation, either on campus or within easy reach of the University. You can easily walk to college from where you live. Come visit during Open Days and see for yourself!

4. UL supports you

We have one-on-one learning centres in Languages, Maths, Science and IT to support to you in your learning of these subjects. At UL, you won't feel like a number, and you'll find it easy to fit in and play your part in our campus community.

5. On-campus accommodation

We have 7 purpose-built student villages providing more than 2500 rooms on campus. There's a friendly atmosphere throughout UL with so many students living on campus.

www.ul.ie/campuslife



6. First Seven Weeks programme

Unique in Irish universities, this programme at the University of Limerick is designed to provide strong support to you during the very early weeks of your time as a UL student.

www.facebook.com/first7weeks

7. Ireland's Sporting Campus

Sport is synonymous with the very fabric of Limerick. UL is home to Munster Rugby. Our multi-purpose University Arena boasts a top class indoor sport facility and the National 50 metre pool. There are 40 acres of outdoor pitches, and 4 all-weather 3G synthetic pitches. Whether you're a sports enthusiast or just a fan, there's always something to get involved in, at Ireland's Sporting Campus.

www.ulsport.ie

8. We want you to get a better job with better pay

We can offer you the most direct route towards achieving your qualification. A UL degree can take you anywhere you want to go.

www.ul.ie/courses

9. Our staff want to help you

All our programmes are taught exclusively by experienced academic staff and many have been awarded prizes for Excellence in Teaching. They have published in the top journals in their field and written several textbooks.

10. The UL experience

Fantastic amenities, student organisations, campus events, live bands, DJs, comedians, sports facilities, good food and friends....so many reasons to love life at UL! Remember there's life outside the lecture theatre. With almost 60 clubs and societies, there are sure to be one or two which are just right for you.

www.ulsu.ie/clubssocs

Limerick - affordable living for students

Limerick is currently one of the most affordable university cities in Ireland for rental accommodation.*

Limerick is a progressive and thriving city, and an attractive location for students, with over 20,000 young people choosing third level study in Limerick.

To find out more, go to
www.limerick.ie



*Source: daft.ie

UL Accommodation

Living on campus is one of the best ways to enjoy university life. The University of Limerick has 7 purpose built village-style residences on the campus which offer high quality accommodation for an all-inclusive fee. There are no extra bills to worry about. All villages on campus are professionally managed with a residential manager on site and a full maintenance team on hand.

Campus Residences

Cappavilla Village: Offering 6, 4 & 2 bedroom ensuite apartments, sharing a large kitchen / lounge, it is an ideal location for nursing / health therapy students as it is a stone's throw from the Health Sciences Building and the Irish World Academy of Music and Dance.

Thomond Village: This spectacular riverside residence on the banks of the River Shannon offers 6, 4 & 2 bedroom ensuite apartments. Residents enjoy spectacular views of the River Shannon and its habitat. The village also features 2 bedoomed apartments for families and rooms for impaired mobility.

Dromroe Village: Dromroe Village is an attractive apartment complex located between the Millstream and the River Shannon. Close to the main teaching buildings, Dromroe Village offers 6 bedoomed ensuite apartments all with fully equipped kitchen / lounges. Like Thomond Village, this village offers 2 bedoomed apartments suitable for student families and rooms for impaired mobility.

Plassey Village: Popular with 1st years, houses have 8 single bedrooms and a large kitchen / living room and 2 showers and toilets. The houses are grouped around landscaped courtyards creating a cosy communal atmosphere. Nearby is a small shopping centre with a good supermarket, pharmacy, restaurant and bank.

Kilmurry Village: Located close to all the sports facilities, Kilmurry Village is the place to live if you enjoy an early morning swim or jog or if you are a keen sports person. Houses sleep 6 / 8 students and are attractively landscaped around the communal Village Hub which is available to the Campus Community for a wide choice of social activity and study.

Troy Village (off-campus): Located in the Groody area of Castletroy, this village is a 15-min walk from the main UL campus. It offers 3, 5 and 6 bedroom apartments.

Groody Village (Off Campus): Located in the Groody area of Castletroy which is a 15 min walk to the main University of Limerick campus. Offering 3 and 6 bedroom ensuite apartments and 3 bed apartments have shared bathrooms.

Find out more on www.studentliving.ul.ie

On Campus Accommodation Rental Fees 2020/21*

Village Residence	Capacity	Rates
Cappavilla Village	500	€6,183.20 per annum
Thomond Village	500	€6,183.20 per annum
Dromroe Village	456	€6,419 per annum
Kilmurry Village	525	€5,475.80 - 5,895 per annum
Plassey Village	424	€4,912.50 - 5,502 per annum
Troy Village	170	€4,624.30 - 5,502 per annum
Groody Village	147	€5,357.90 - €5,502 per annum

Typical rates for off-campus accommodation

Lodging 5 day full board	from €150 per week
Self Catering rental sharing house	from €80-110 per week

Key Fact

The UL campus provides more than 2700 rooms across 7 student villages.

Find out more on www.studentliving.ul.ie

#StudyAtUL

Affordable living for a better student experience.



1st Years

On campus accommodation is a very good option for 1st years. An allocation of rooms is held for incoming first year students via a lottery system. Applications for accommodation will be open online from March 2022. Reserve your on-campus accommodation online at www.ul.ie/campuslife

UL Student Life

Formerly the UL Students' Union, Student Life is the representative body of all UL students. Every student becomes a member once they enrol. Student Life is run by students, is independent of the University and sits as a student voice at over 70 committees.

Student Life provides (either directly or through others):

- Representation of your concerns
- Advice on academic and personal matters
- Legal advice
- Accommodation advice
- Dozens of clubs and societies
- Financial aid
- Second-hand bookshop
- Tickets for all Student Life-run events and gigs

- Photocopying, scanning, printing
- Student Travel Cards/bus tickets
- Volunteer opportunities
- Vending machines
- Class hoodies/Wolves merchandise
- Common Room, pool tables
- Radio (www.ulfm.ie)
- Newspaper (www.anfocal.ie)

You can find out more on the SU website
www.ulstudentlife.ie



We're delighted that work has commenced on our fantastic new student centre, right here in the middle of campus. This first class facility will further add to the best student experience on Ireland's finest campus. This exciting new development has been funded through partnership between the students and the University. The climbing wall (below) is the tallest in Ireland and is now open.

#StudyAtUL



UL Student Life - Clubs & Societies

Join the Clubs & Societies Wolf Pack – new experiences and friends guaranteed!

It is always nice to belong to a group whether that is a drama group, a youth club, a sports club or whatever the case may be, it is a natural human impulse that we all aspire to belong to certain groups or communities of people. The sense of belonging is a powerful instinct because our interactions with other people are important to us – this is why we carefully craft our social networks of friends. These networks offer an opportunity for a good laugh, a bit of craic, maybe even a shoulder to cry on, support, advice... maybe even romance. The University of Limerick will be no different to any other community you have belonged too, except that it is new and the sense of the unknown can be a little daunting as your immediate social network of friends can be quite limited. However, one of the best ways to get to know new people quickly and to enjoy your time in UL is through Clubs & Societies. There are already hundreds of people with similar interests to you, or perhaps your sense of adventure or natural curiosity might tempt you to try something new?

So for the next four years as you work towards your goal of obtaining a degree, MA. Ph.D.,

THE best way to maximise, your non-academic time with new people in fun, interesting and challenging ways is through the huge social network known affectionately as "Clubs & Socs". That is more than 70 different Clubs & Societies run by over 700 volunteer committee members (students just like you!) on behalf of more than 5000 unique members supported to the tune of €700,000 each year! Within this huge variety of activities on offer, we aim to help you in that respect and really cultivate that sense of belonging. To make you feel truly welcome in your new home for the next few years.

Belong to the wolf pack by creating your membership account on-line, this is necessary for legal and insurance purposes. Visit www.ulwolves.ie and join the Club or Society of your choice. For the latest information throughout the year check out www.facebook.com/ulwolves/ or search for UL Wolves Clubs & Societies on Instagram.

Paul.Lee@ul.ie
Head of Student Engagement
(W) 061-213477



Student Clubs

- American Football
- Archery
- Athletics
- Badminton
- Basketball
- Boxing
- Brazilian Jiu Jitsu
- Cheerleading
- Electronic Sports
- Fencing
- GAA
- Handball
- Kayak
- Ladies Rugby
- Ladies Soccer
- Men's Soccer
- Mens Rugby
- Mountain Bike
- Outdoor Pursuits
- Parkour
- Rowing
- Skydive
- Social Soccer
- Sub Aqua
- Surf
- Swim
- Table Tennis
- Tae Kwon Do
- Tag Rugby
- Trampoline
- Ultimate Frisbee
- WindSports

Student Societies

- Africa
- AMSI
- Anime and Manga
- Architecture
- Astronomy
- Chemical Engineering
- Christian Union
- Comedy
- Computer
- Crafts
- Cumann Gaelach
- Dance UL
- Drama
- Economics and Investments
- Enactus Social Entrepreneurship
- Entrepreneurship
- Environmental
- Feminist
- Film
- Friends Médecin Sans Frontières
- Games
- Games Development
- Horse Racing
- International
- Islamic
- Law
- Medical
- Music
- Musical Theatre
- Ogra Fianna Fail
- Out in UL
- Photographic
- Racing/Motorsport
- Strength and Conditioning
- Surgical
- UL Give
- ULFM
- WiSTEM2D
- Yoga and Meditation
- Young Fine Gael



UL Sport's mission:

Deliver the best and most inclusive University Sport and wellbeing experience in Ireland in an environment recognised internationally as a centre of sports excellence.

North Campus UL Sport All Weather pitches (1 Full Size GAA Pitch, 1 Full Rugby Pitch, 2 Full Soccer Pitches).

Our South Campus Pitches (located adjacent to the UL Sport Arena) comprises of our natural grass park also known as 'The Ten Acres' and our newest addition of both natural and synthetic grass pitches known as 'Maguire's Fields'. Our Ten Acres comprises of one full size GAA Pitch, 2 full size soccer pitches and one full size rugby pitch. This natural grass park also allows the flexibility of being transformed into a site specific sporting arena to host many events.

Our 'Maguires Fields' development consists of both synthetic all weather pitches and a natural turf pitch. The synthetic all weather pitches extend to a total area that accommodate two (2) full size GAA pitches or four (4) individual full size soccer pitches. The natural turf pitch can be used by all field sports. This development also includes two (2) state of the art flood lit hurling walls. This facility is primarily for student use..

The University of Limerick plays a unique role in national sport. We deliver teaching and research programmes in Physical Education and Sports Science at both undergraduate and postgraduate levels. UL Sport prides itself in providing a sports environment to the 17,000 students and staffs on campus and the many sporting communities local and regional.

www.ulsport.ie



Facilities

UL Sport consists of five broad sports facilities: UL Sport Arena, UL Sport Outdoor Facilities, UL Sport All-weather Pitches, UL Sport Adventure Centre and UL Sport Boathouse.

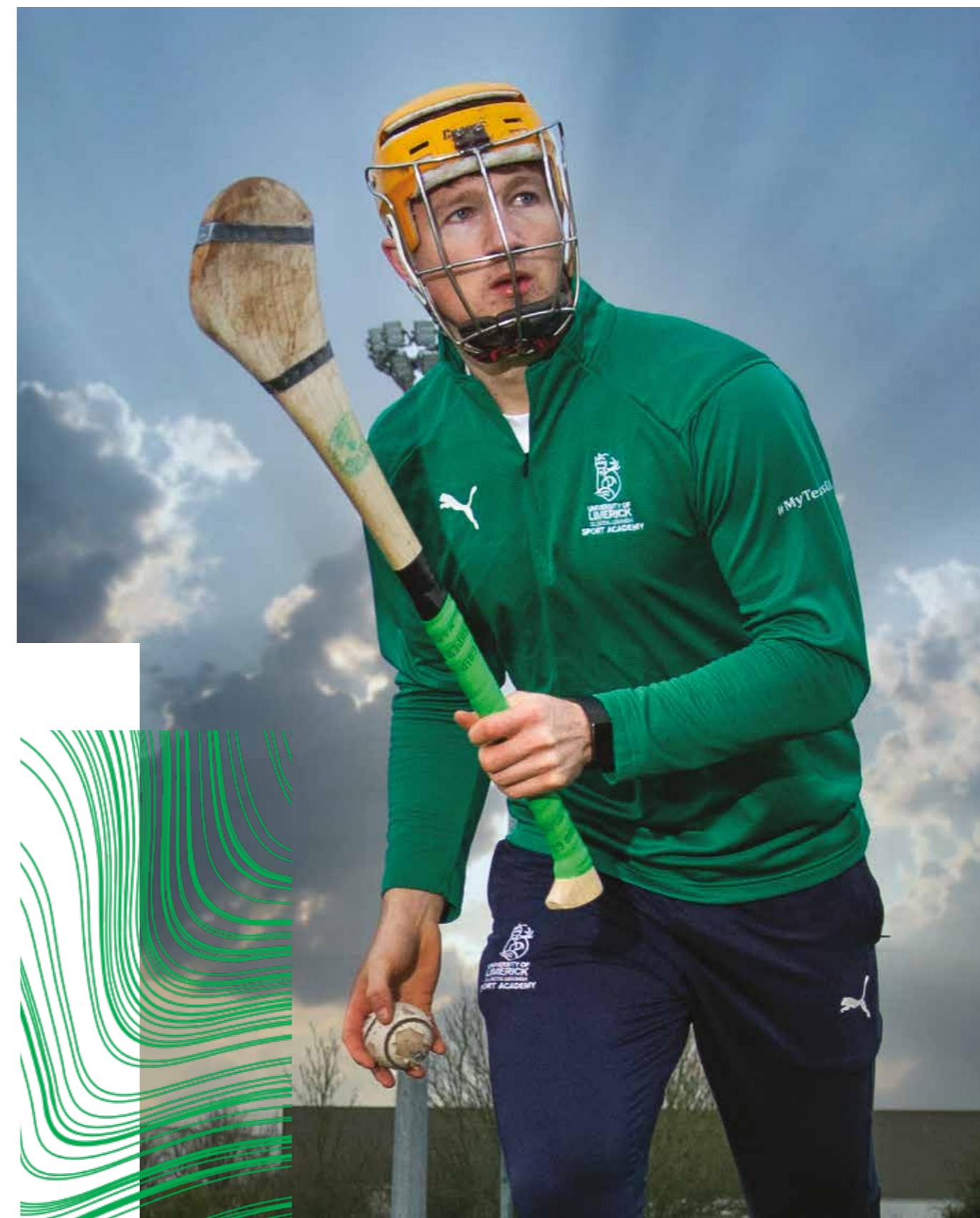
UL Sport Arena facilities include:

- National 50m Swimming Pool and our 25m diving pool
- 4 Courts – offering basketball, volleyball, badminton and indoor soccer
- Seating for over 1700
- 60m six-lane indoor sprint track
- 225m three-lane suspended jogging track
- Health and Performance Centre
- Fitness Studio

Other UL Sport facilities include:

- 400m Olympic-standard track
- Floodlit astroturf all-weather hockey pitch
- Highest Indoor climbing Wall
- 30 acres of training and championship playing fields
- Ireland's first indoor rowing tank at the Boathouse

The National 50M Swimming pool is home to the Swim Ireland High Performance centre.

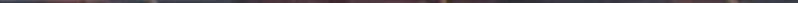


Jake Morris (Sports Scholarship Athlete & Tipperary Senior Hurler)

Facilities

Swim Ireland - UL Sport Performance Centre

Swim Ireland's first ever High Performance Centre is based at the state-of-the-art UL Sport Arena and is overseen by full time coach, John Szaranek. The squad train up to 6 hours a day and are supported by a dedicated sports science team. The Centre was set up in order to give talented Irish swimmers the opportunity to compete and develop at the highest level while also looking after their academics.

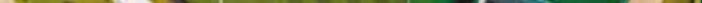


25m Diving Pool

UL's diving pool includes 1m and 3m Olympic standard spring board diving facilities, and is linked to the existing 50 x 25m pool through a glazed screen. With a depth of 4m the pool features a floating floor and dividing boom, and can be subdivided for technical events such as 1m & 3m Springboard Diving, Synchronised Swimming and Sub Aqua training while also catering for various other aqua classes.

Europe's Largest Multi Sport floodlit All Weather Synthetic Grass Park.

The North Campus contains 2 full size 3rd generation multi-purpose fully floodlit all-weather synthetic grass soccer pitches, 1 full size 3rd Generation rugby pitch and a full size 3G GAA pitch. This is the largest artificial grass development in Ireland to date designed to IRB, GAA and FIFA specifications. UL Sport has recently added more new pitches including grass and artificial turf for both soccer and GAA, along with 2 hurling walls. There is also a newly refurbished running track and Ireland's Highest Indoor Climbing Wall.



UL Sport Climbing Wall

UL's newest addition to our sporting campus is our climbing wall. Standing at 18 metres high, it is the tallest indoor climbing wall. It is located on campus, next to our Sports Arena.



UL Sport Adventure Centre

Another unique UL sports facility is the UL Sport Adventure Centre. ULAC is located on the picturesque shores of Lough Derg in Killaloe Co. Clare. Owned and run by UL Sport, ULAC provides an excellent facility for the staff and students of the University and public users. The Centre is one of the leading water sports facilities in the country, with an extensive fleet of sailing dinghies, top class windsurfing equipment and a vast array of canoes and kayaks.



Club Activities

Each week our Clubs & Societies have a variety of activities for all. For further information check out www.ulwolves.ie

- Archery
- Cricket
- Mountain Biking
- Table -Tennis
- American Football
- Fencing
- Outdoor Pursuits
- Taekwondo
- Athletics
- Gaelic Football (M&W)
- Parkour
- Trampolining
- Badminton
- Golf
- Pool & Darts
- Ultimate Frisbee
- Basketball (M&W)
- Handball
- Rowing
- Volleyball
- Boxing
- Hockey (M&W)
- Rugby (M&W)
- Weight-Lifting
- Brazilian Jiu Jitsu
- Hurling
- Sailing
- Waterpolo
- Camogie
- Judo
- Skydive
- Windsurfing
- Canoe Polo
- Karate
- Soccer (M&W)
- Sub-Aqua (Diving)
- Cheerleading
- Kayaking
- Swimming
- Climbing Wall
- Life-Saving

Group Fitness Classes

Classes at UL Sport include:

- Aqua Aerobics
- Circuits
- Pilates
- TRX
- Aqua Jogging
- Fit for Life
- Spinning
- UL Sport Runners
- Body Attack
- Kettlebells
- Total Body Workout
- Walk, Talk & Tone
- Body Pump
- Mind Body Fusion
- Trak Attack
- Yoga



UL Sport Scholarship Academy

The University of Limerick has long been known as "Ireland's Sporting Campus", supporting the development of many of Ireland's leading sportspeople for over 40 years. With some of the best facilities, coaches and sports scientists all in one place, it has been an environment that has nurtured Ireland's best talent for generations

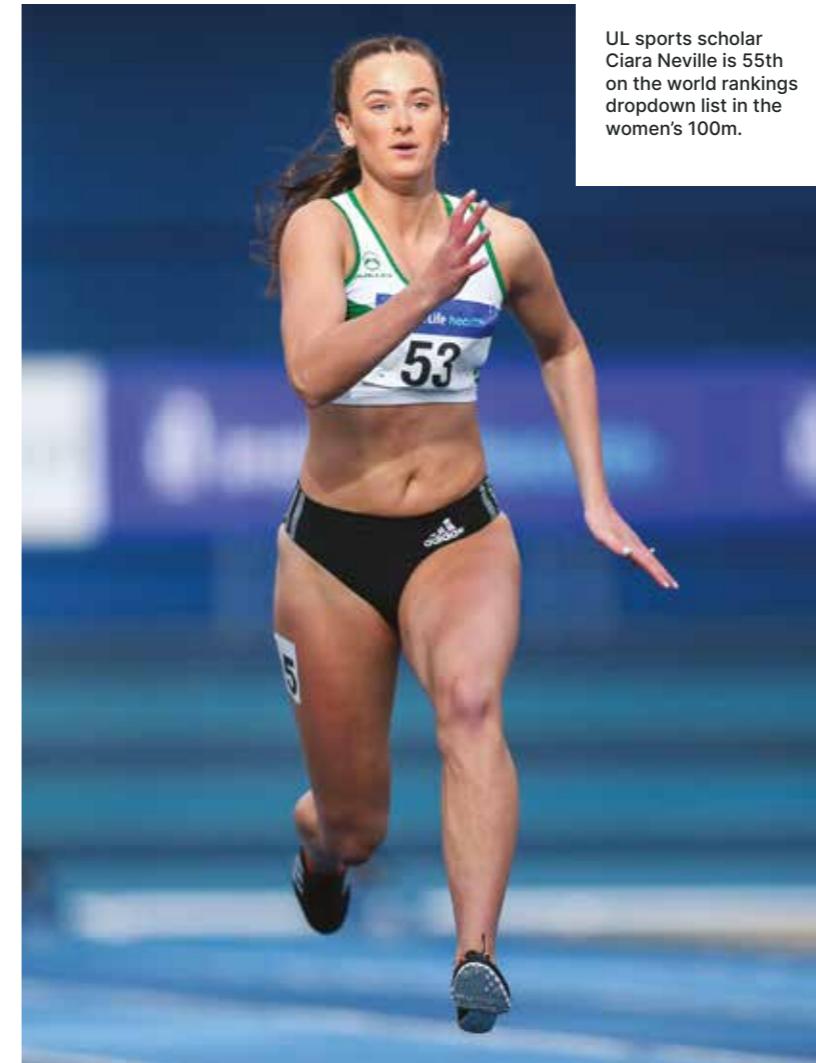
Now UL will significantly enhance its support to its student athletes through what we believe will become Ireland's best Sports Scholarship programme, combining all of the great supports we can offer to help maximise our students' talent.

There are three levels of award, Gold, Silver and Bronze with a value of up to €10,000 at the Gold level. Scholarship holders will benefit from support in the areas of accommodation, registration fees, sports science assistance, coaching, academic mentoring,

educational seminars, marketing & promotion, leisure wear. UL will offer you a unique world class environment in which you will train and study.

Closing date for all scholarship applications is the 1st of March and is open to all new entrants as well as all current students.

To find out more and to apply online visit www.ul.ie/sportsscholarships where you can also download a brochure with all of the details. Further questions can be emailed to sportsscholarships@ul.ie.



UL sports scholar Ciara Neville is 55th on the world rankings dropdown list in the women's 100m.



Student Profile
Leah Maunsell
Downhill Mountain Biking

It's an honour to be part of such a close-knit community and share my passion with all the other successful student athletes at UL. I am proud to say that My Team Is UL.

Contact

If you're interested in combining studies and sport at a high level, you can contact us at

Email:
sportsscholarships@ul.ie

Student Supports at UL

Helping you settle in

We'd like to ensure that your transition from school to University is smooth and successful. Discover the range of supports and services available to help you settle in and make the very best of your time here with us.

Student Orientation

The Orientation Programme is held the week before the start of term. During Orientation, you will;

- Enrol as a new student
- Get to know more about your course and the people on it
- Find out about our student supports
- Get a guided tour of the UL campus
- Enjoy meeting new friends at our social events for new students

The student advisor system

The Student Advisor System is designed to help you in your transition to University. On enrolling at the University of Limerick you are assigned an advisor. An advisor is a member of the academic staff who teaches on your course.

The functions of the advisor include:

- Meeting you early in the first semester and assisting in your orientation
- Acting as a source of advice and information on general student problems and where appropriate, referring students to the support services
- Monitoring your academic progress and, where appropriate, recommending remedial action
- Assisting you in your choice of elective modules
- Advising you on changes in your educational arrangements.

To find out more, email studentadvisor@ul.ie



First Year Support Coordinator

Here at UL, we are committed to supporting all first years to settle into life at third level. Coming into university is a transition in everyone's life and that transition takes time and adjustment. Deirdre Murphy is our First Year Support Coordinator. Deirdre is here to help if you begin to experience doubts or are having difficulties settling in making or positive progress in your course. To find out more, email: deirdre.m.murphy@ul.ie or tel: 061-202613



First Seven Weeks

First Seven Weeks (F7W) is Unique in Ireland, UL's First Seven Weeks programme is designed to provide strong, targeted support to you during the very early weeks of your time as a UL student. During these first seven weeks, each week has its own theme around various issues that we know are important for settling in and thriving as a higher education student.

Week 1

WELCOME, SETTLING IN, FINDING YOUR WAY AROUND FSW

Guides at the entrance to all buildings maps information and updates available at The F7W Hub and on all our social media channels.

Week 2

HOW TO STUDY @ UL

We provide advice and help to set up good study patterns and manage your time well.

Week 3

YOUR ACADEMIC ADVISER

We want to make sure that all new students have met their advisor by this week, so that if you have not done this during the earlier weeks, then this is the time! Drop into The F7W Hub for assistance.



Week 4

HEALTHY UL

This week pays special attention to your health and wellbeing, encouraging you to make deliberate efforts to focus on staying well and being healthy.

Week 5

LEARNER SUPPORT CENTRES

- Centre for Transformative Learning www.ul.ie/ctl
- Mathematics Learning Centre [www\(mlc.ul.ie](http://www(mlc.ul.ie)
- ECE Student Support Centre www.ecestudents.ul.ie/ssc
- Regional Writing Centre www.ul.ie/rwc
- ICT Learning Centre www.ul.ie/ictlc
- Science Learning Centre www.ul.ie/~slc

Week 6

SKILLS FOR ACADEMIC SUCCESS

This week will shine a light on the importance of "critical thinking" as a major element of successful engagement with learning at UL; getting you to think about your longer term engagement with your studies at UL.

Week 7

VOLUNTEER.IE

This week will encourage you to start developing a career and civic outlook; focus on professional skills and an emphasis on becoming engaged citizens. www.volunteer.ie



Health and Wellbeing

The Counselling Service can help you deal with the wide range of problems common to any student population, e.g. personal problems, vocational uncertainty, family problems and examination anxiety. Psychotherapy is also provided where appropriate.

The Counselling Service is free of charge and provides a daily drop-in time during term time from 10:00-11:00 and 2:00 - 3:00 for students to call, without appointment, to Room CM073. Please see www.ulsites.ul.ie/studentaffairs/counselling-service for further details.

Enquiries can also be made to:

Marion Kinsella, administrator of the counselling service at counselling@ul.ie Tel: 061-202332

Chaplaincy

The UL Chaplaincy works to meet the many and varied needs of a global university campus. We recognise that life at UL is a dynamic, ever-changing experience, which brings all kinds of new opportunities and challenges to students. As chaplains, we offer a welcoming space and a supportive presence to students and staff.

Tel : Teach Fáilte - 061 233635 or Chaplaincy Office - 061 202180
www.ul.ie/chaplain

Student Health Centre

An acute care advisory service is provided to all registered students. This service includes a full time nursing service and daily attendance by doctors. A consultant psychiatrist and chartered physiotherapist are available through internal referral.

UL Student Medical Centre
Tel: 061 202534
www.ul.ie/medical

Disability services

The University welcomes students with disabilities and specific learning difficulties. The University is part of the DARE entry route (Disability Access Route to Education). Students wishing to apply to DARE must apply as part of their CAO application (www.cao.ie) by 1st February 2022.

Applicants must indicate their wish to be considered for DARE. Applicants who are successful with their DARE application may be offered a place on reduced points. Applicants must indicate that they have a Disability/Specific Learning Difficulty and are then directed to the separate online application form. This form asks

applicants to provide additional information about their disability or specific learning difficulty and to provide evidence of disability.

Supporting documents must be sent to the CAO by 15 March 2022. Mature applicants with disabilities (23 years of age or over) should apply to the University in the same way as other mature students as they are not considered under the DARE route. Applicants can contact Disability Services for more information.

Tel: 061 213478

Email: disabilityservices@ul.ie

UL Peer Listeners Network

Peer Listeners are students who are interested in providing a listening ear as well as emotional support to their fellow students/peers. UL peer listeners have been trained by the Samaritans in the art of listening in a non-judgmental way. They are an integral part of the University's support network.

Email: peer.listener@ul.ie

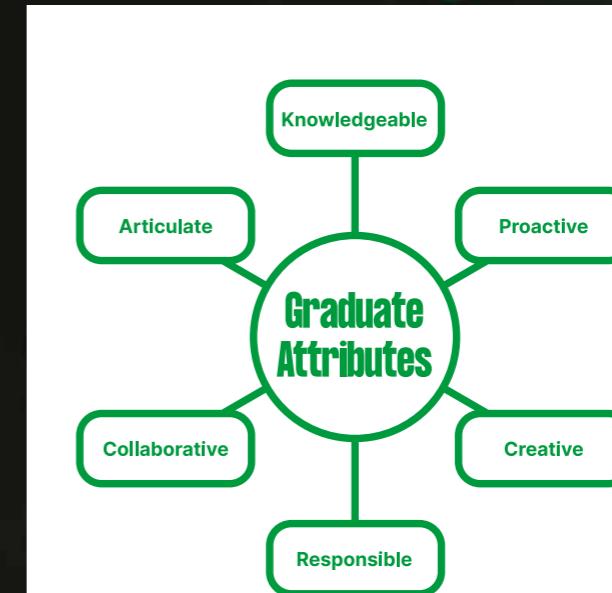
Arts Office

University of Limerick Arts Office plays a key role in the vibrant artistic life of UL with a wide programme of cultural events. Central to our programming is to challenge the perception of what art is and what role art can play in our day to day lives. We are also firm proponents of the restorative power of art and seek to engage our community in meaningful experiences through the prisms of music, literature, dance, performance, painting, sculpture, spoken word, craft – the list is endless.

Many of our activities are socially engaged one off pop ups. We also encourage a large degree of interaction by our audiences. Our work with communities on and off campus has resulted in publications such as *What Are We Like* – a collection of writing by local creative writing groups and *Forty Tall Tales* – a celebration of 40 years of UL through the medium of story.

The Arts Office is involved in bringing the university art collections to broader audiences through a series of curated exhibitions highlighting different aspects of the art work on campus.

We welcome collaboration with faculty, staff and students and are always happy to help with projects large and small.



Our Graduate Attributes

Graduate attributes are the academic abilities, personal qualities and transferable skills which you will have the opportunity to develop as part of your UL experience. The University of Limerick provides a learning environment that stimulates students to be:

- Knowledgeable
- Proactive
- Creative
- Responsible
- Collaborative
- Articulate

UL Mature Students

Mature Student Office

UL is committed to improving access to higher education for adult learners and we welcome applications to all of our full-time undergraduate programmes from mature student applicants. Mature students on full-time undergraduate programmes are typically students who commence higher education studies, for the first time, when they are aged 23 or over.

Adult learners can choose to study in college as mature students for a variety of reasons. Some are motivated by an interest in career development or in new employment opportunities, while others are interested in their own personal development or in fulfilling a lifelong ambition by undertaking third-level study.

Whatever your own motivation, background or experience, rest assured that you will be hugely welcomed and valued by everyone at UL and we aim to ensure that your time at UL will be an enriching and rewarding one. Mature students must be over the age of 23 on the 1st of January of the year of entry.

Some of you may be a little apprehensive about making a lifestyle change to that of a mature student. Perhaps you have been away from formal study for a long period of time. Most likely you will be juggling various roles as you take on yet another one – that of mature student. Your task may appear daunting so our aim in the Mature Student Office is to support the learning journey of mature students on undergraduate programmes to ensure your full and equal participation in university life.

Preparatory Programmes for Mature Students

Mature Student Access Certificate

The Mature Student Access Certificate is a one year full-time pre-degree course designed for individuals who wish to develop or refresh key learning skills, and to undertake some foundation level academic studies, before applying directly to an undergraduate degree programme.

Applicants must be aged 22+ as of 1st January. Core subjects include study skills, computer skills, maths and educational guidance. Students also choose foundation level studies from one of the following streams:

- Engineering • Humanities • Science. UL Classes are delivered between 9am and 5pm, Monday to Friday.

Maths for STEM Certificate

This one-year part-time course is suitable for learners who wish to improve their mathematical competency in preparation for further study or work in the Sciences, Technology, Engineering and Mathematics (STEM) disciplines. The Maths for STEM Certificate is recognised by UL as equivalent to Higher Level Leaving Certificate Mathematics for mature student applicants to certain degree programmes. The course is offered by Limerick and Clare Education and Training Board in collaboration with the University of Limerick (UL).

For further information on any of the above services or supports, please contact the Mature Student Office at:

Mature Student Office
Room 19a (EM019a) - Main Building
University of Limerick
Telephone: 061 202735
Email: mso@ul.ie
Web: www.ul.ie/mso



Student Volunteering at UL

Student Volunteering at UL

Get involved in the largest student activity – VOLUNTEERING. UL students are the best volunteers and have a long and proud volunteering tradition. UL student volunteers are known on campus, in and around Limerick city and county, and their home towns as exceptional individuals. Each year at the annual President's Volunteer Award (PVA) ceremony, the President of the University of Limerick shows his support for the phenomenal volunteering work done by UL students. The award is recorded on the student's transcript.

Volunteering opportunities are as diverse as the student population. Students volunteer for on-campus clubs and societies and/or in various campus projects (e.g. study clubs, community

garden, maths learning centre UL events, etc.) or in off-campus community based projects (e.g. after school study clubs, sports clubs, animal shelters, fundraising etc.).

To find out more, visit [www.studentvolunteer.ie/ul](http://studentvolunteer.ie/ul), email pva@ul.ie or find us on social media - Facebook, Instagram or Twitter "UL President's Volunteer Award".

The Community Liaison Office supports student volunteers and student led volunteering. If you have an idea we would love to hear from you. Due to Covid19 we continue to safely work from home. Alternatively, you can contact us by emailing pva@ul.ie and we can set up a meeting.



Key Fact

Stand out from the crowd and get a Volunteering award on your student transcript

Learning Support at UL

Learning Support Centres

Here at UL, we will support you as a learner, to enable you to get the very best from your student experience with us. Our learning centres will provide you with extra tutoring in various subject areas and is free to all students.

Mathematics Learning Centre

The purpose of the Maths Learning Centre is to support students' mathematics learning across all programmes in UL and by addressing the mathematics needs of special groups e.g. mature students, adult returners, transfer students.

Science Learning Centre

The Science Learning Centre is a vital resource that offers you support in all your science modules including Physics, Chemistry, Biology and Sports Science. All services offered by the centre are free of charge.

ICT Learning Centre

ICT stands for Information and Communication Technologies. This centre is an initiative to support all UL students who have ICT related modules as part of their learning requirements. It is a free service for all UL students. The ICT Learning Centre provides individual consultation or additional group tutorials based on analysis of your requirements. The centre also helps by directing you to relevant text and online material.

Language Learning Hub (LLH)

The Language Learning Hub (LLH) is a free service which offers support to the learning, teaching and research that takes place within the School of Modern Languages and Applied Linguistics, and the School of Culture and Communications. Our facilities include two computer labs, a Digital Language Lab and an Open Learning Area. We have a huge catalogue of language learning material which can be accessed for free in the Open Learning Area.

The Writing Centre

UL's Writing Centre offers a free and friendly place for all students to come and address any aspect of their writing. The centre is dedicated to helping you become a better and more confident writer. The Writing Centre offers discipline-specific seminars and workshops on essay, report and FYP writing, tailored for a specific audience, e.g. first years, mature students etc. We also provide one-on-one tutoring.



Aonad na Gaeilge

Pléann Aonad na Gaeilge le cur chun cinn na Gaeilge in Ollscoil Luimnigh. Cuirtear neart seirbhísí ar fáil do mhic léinn, cursáí Gaeilge agus tográí tacaíochta teanga san áireamh. Is féidir le mic léinn lánamseartha na hOllscoile tabhairt faoin Dioplóma sa Ghaeilge Fheidhmeach (cúrsa oíche) ar chostas laghdaithe. Is seomra caidrimh é Seomra na Gaeilge (LC0-016, Áras na dTeangacha) do phobal na Gaeilge ar an gcampus agus tá áiseanna tae agus caife ar fáil ann. Tugtar tacaíocht don Chumann Gaelach chun imeachtaí a eagrú sa Seomra freisin. Déantar modúl GA4006, An Ghaeilge Ghairmiúil, a thairiscint do mhic léinn ar spéis leo a bheith ag obair i nGaelcholáiste nó i scoil Gháeltachta. Moltar bualadh isteach ar Aonad na Gaeilge (LC0-014) chun a thuilleadh eolais a fháil faoi dheisceanna cleachtaidh agus foghlama.

Aonad na Gaeilge is responsible for the promotion of the Irish language at UL. There are lots of services available for students including Irish courses and language support initiatives. Full-time UL students can pursue the Dioplóma sa Ghaeilge Fheidhmeach (evening programme) at a discounted rate. Seomra na Gaeilge (LC0-016 Languages Building) is a hub for the Irish language community on campus. Tea and coffee facilities are available there. Support is also given to An Cumann Gaelach (Irish language student society) to organise events in the Seomra. The module GA4006, An Ghaeilge Ghairmiúil, is offered to students who are interested in teaching in a Gaelcholáiste or in a Gaeltacht school.

Déan teagmháil linn / Get in touch:

Riomphost / E-mail: ciara.considine@ul.ie
Suíomh idirlín / Website: www.ul.ie/aonadnagaeilge

[/aonadnagaeilge](#)

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UL Cooperative Education

What is Cooperative Education?

Cooperative Education (Coop) gives you the opportunity to experience the world of work before you graduate. Your Coop placement will help you to develop a range of skills, attitudes and understandings to prepare you for your future career. UL graduates consistently cite Coop as being one of the highlights of their UL student experience.

The award-winning Cooperative Education programme is the largest nationally, with more than 2,100 students placed every year. UL's employability strength is reflected in the latest graduate employment statistics which show that the employment rate for UL graduates is the highest within the university sector.

What can Coop do for you?

- Give you practical work experience built into your degree programme
- Provide you with the opportunity to apply your knowledge to the work environment
- Offer you the opportunity to develop many important skills including teamwork, problem-solving and communication skills
- Help you to make useful contacts for your future career
- Give you a competitive edge when exploring the graduate jobs market

In circumstances where placement restrictions apply owing to personal limitations or when unfavourable economic conditions exist, alternative academic programmes are arranged for the benefit of the students.

What will I be doing during my Coop placement?

Placements take into account the needs of the employer and the skills and abilities of the student. Some Coop jobs are very closely related to your degree programme but this is not always the case. The most important element of your Coop placement is the opportunity for you to experience the world of work and to develop skills that will equip you to succeed in the future world of work. We call this your graduate capital.

Global Opportunities

UL has a very large global Coop programme and each year students from all disciplines undertake global Coop assignments within a network of 25 countries across all five continents. In our increasingly globalised world, employers value graduates with global experience and fluency in another language.

School Placement

If you are doing a degree in Education, you will be required to complete School Placement as part of your degree programme. This is a great opportunity for you to develop your teaching skills in a real classroom environment. You will have two periods of placement, one in your second year and another in your fourth year. While on School Placement, you will be visited up to five times by your tutors who will support, advise and assess you on your placement.

For further information, visit our website at www.ul.ie/cecd

UL Careers

UL's key strength in employability is one of the reasons many students select UL as their first choice university.

As UL Career Service, we are here to support your career development and to help you in preparing for the future world of work. We are here to help you every step of the way with e.g. employability workshops, careers fairs, employer seminars and a wide range of online resources. You can also meet with your career adviser who will work with you in developing your career plans. We look forward to seeing you on campus! In the meantime, why not visit our website www.ul.ie/cecd.

Aiming Higher Guide

This guide is aimed at parents to help to guide students in making decisions around the third-level course and career choices. The guide is available online at www.ul.ie/cecd/prospectivestudents/aiminghigher

Careers by Degrees Guides

These guides give an overview of what students from particular degree programmes do when they graduate, what skills they develop as part of their degree programme, what organisations employ them and what job titles are associated with that programme. They are full of useful information for students, academics, guidance counsellors, second level students and their parents.

These publications are available online at: www.ul.ie/cecd/prospectivestudents/careerbydegrees

Take the first step in ensuring your employability prospects by choosing UL.

We will help you every step of the way.

Visit the website at www.ul.ie/careers



#StudyAtUL

UL is among the Top 3 Universities in Europe for career preparation

Key Fact

With Coop work experience as part of most programmes, you'll be career ready with a UL degree. Our graduate employment rate is the highest of any Irish university.

The Glucksman library at UL

The library offers 2,200 study spaces in bespoke areas and designated learning zones, these include bookable group study rooms, interactive & collaborative technology-infused workspaces, silent areas for quiet study in addition to a dedicated postgraduate space, a data visualisation lab and tools to enable engagement with digital scholarship. UL's impressive new library, opened in 2018, is integral to providing a modern learning environment that will equip students with skills for work and beyond. This new facility places UL at the forefront of the digital campus of the future, further complementing the unique student experience that UL provides.

www.ul.ie/library



UL Global

UL Global is responsible for coordinating the following programmes:

- Study Abroad
- Erasmus
- International Exchanges
- Erasmus Mundus (student mobility)
- Summer Schools

The office coordinates the recruitment of international students (Non-EU) at undergraduate and masters level.

The support services offered ensure that newly arrived international students are integrated quickly into the University and local community. The office provides advice on immigration, health insurance, working in Ireland, travel and Irish culture. An extensive Orientation programme is organised for new international students immediately prior to the start of the university semester. Orientation provides students with an opportunity to meet staff, other students and to become familiar with the services and facilities on campus. The office also provides information and support to Irish students undertaking an Erasmus or international exchange.

Full information on
www.ul.ie/international



Key Fact

International students have voted UL as providing the best student experience, best student support and best welcome. Votes were from more than 5,000 international students that studied across Irish universities.

Key Fact

The University of Limerick has the largest and most successful ERASMUS programme in Ireland, with 1 in 3 undergraduate students spending a semester overseas on study or work placements, which adds greatly to your student experience

Study Abroad Programmes (JYA) - (Semester or Year)

UL has been receiving US Study Abroad students for over 20 years and more recently international students from Japan, Korea, China, Thailand, Brazil and many European countries. Visiting students are fully integrated into the student body, following the same lectures, seminars, tutorials and taking the same assessments as Irish students.

The UL Study Abroad programme is open to international students who are already in college/university and who wish to take one semester or one academic year at undergraduate level at UL. Participants in the Study Abroad programme include students from the USA, South America, Europe, Japan and China.

Programme highlights

- Campus-based university
- Fully integrated programme and accommodation
- Choice of modules across all four faculties
- Two-week 'try-out' on all classes
- Modular/credit system
- Two-semester academic calendar
- Organised field trips
- Major-focused class list (streaming)
- Practicum

Summer School

UL's summer schools offer students a worthwhile learning, social and cultural experience. Both challenging and enjoyable, UL's summer schools combine academic rigour with opportunities to experience contemporary life in Ireland and view some spectacular scenery. Social outings, trips to Dublin and the spectacular County Clare coast and an end of summer schools barbecue are all included on the programme.

The Summer Schools programme fee includes;

- Transfer from/to Shannon Airport (SNN)
- B&B on-campus accommodation
- Lunch and dinner every day
- Membership of the UL Sport Arena
- Free email account at UL
- Three excursions with qualified tour guides
- 45+ hours of class tuition
- Attendance certificate
- Receptions
- Assessment and transcripts

Application Process

Application details are available at www.ul.ie/international. Early application is strongly advised.

English Language Requirements

Applicants from non-English speaking countries are required to have a high level of competence in English. A number of English language qualifications are accepted by UL including TOEFL and IELTS. A full list of acceptable qualifications is available at www.ul.ie/international

The International Foundation Programme

The International Foundation Programme is a one-year full-time programme designed to offer students an alternative route to undergraduate study. This programme is suitable for international students who do not hold qualifications equivalent to the Irish Leaving Certificate or who need a further boost to their English language skills. www.ulsites.ul.ie/languagecentre/international-foundation-programme

Visa Applications

Many international students are required to have a student visa to study in Ireland. Applicants are advised to contact their local Irish Diplomatic Mission. In countries where no such office is available, applicants should contact the Irish Department of Foreign Affairs email: visa@iveagh.gov.ie. Full information on student visa requirements for individual countries is available at: www.inis.gov.ie/en/INIS/Pages/Irish%20Visa%20Information/ Contact: Study.Aband@ul.ie

Application Deadlines

- Full-time Undergraduate and Postgraduate Programmes - July 1st for September entry
- Study Abroad Programmes - June 1st for September entry, Nov 1st for January entry
- Summer Programmes - April 1st

International Study Opportunities for UL students

ERASMUS (EU) Exchange Programmes

UL has developed a substantial number of exchange agreements with over 300 partner higher education institutions in Europe to facilitate staff and student exchanges. Under the EU ERASMUS Programme, UL students complete part of their degree studies on approved exchanges in other European Universities while students from the partner universities attend the University of Limerick. All students receive an EU grant as a contribution towards expenses.

International (Non-EU) Exchange Programmes

A number of opportunities exist for UL students to go to universities in Australia, Canada, China, Korea, Singapore, New Zealand, Brazil and the United States under exchange agreements signed between UL and institutions in these countries. Details of the participating universities, the subject areas involved and UL faculty member coordinating the exchange are available from the EU & International Exchanges office in EO-030.

Contact: Ul.Global.erasmus@ul.ie



Visit UL

Don't miss out on our Open Days to find out more about our university.

UL Open Days

- Get an inside look at our facilities and campus
- Talk to our staff and students
- Find out how a degree from UL will help you to get a better start on your career

On Friday and Saturday, 29th and 30th October 2021, UL holds its Autumn Open Days, aimed mainly at those interested in coming to study at the University in the next few years. Many of our students say it was our Open Days that helped sway them in making UL their first choice. We encourage everyone to attend our Open Days to ensure you have all the information you need before making your CAO choice. It's not just about the course information, it is also about the student experience you will get here in UL - our Open Days are where you will get the best sense of UL and what we have to offer. Parents, teachers and guidance counsellors are all welcome to register.

At our open days there will be:

- Information on all our degree courses
- A chance to talk to students and course directors
- Learn all about the UL student experience

Please check our website www.studyatul.ie for the most up to date information on our open days.



Open Days

2021

Friday 29th October

Saturday 30th October

www.studyatul.ie

*These events are subject to change.
Please check out www.studyatul.ie for the most up to date information.



Graduate Experience Evenings

Hosted by the faculty of Science and Engineering, this series of presentations is aimed at second level students and their parents. Each event includes a presentation by several science, engineering and technology graduates followed by a Q&A session. Each graduate describes the type of industry they work in and how the skills and knowledge gained in their degree programme at UL has benefitted them in their careers. To find out more, go to www.scieng.ul.ie

options with different engineering fields such as mechanical, electronic, biomedical, design, aeronautical, CAD, innovation and design, etc. It will also show career pathways open to you in scientific elements such as forensics, chemistry, physics, energy, astronomy, biology. To find out more, go to www.scieng.ul.ie

Cybercamp

This 3-day camp is hosted by the Department of Computer Science and Information Systems at UL. Aimed at second-level students, these 3-day camps are held during June each year. The aim of the camp is to give you the opportunity to learn, use and experience new technology in a fun and engaging way. Over the 3 days, you will work in teams to build your own games, mobile apps, animations or music projects, build your own website, construct and program robots and solve problems.

Find out more on www.csis.ul.ie/cybercamp

Student Ambassadors

Our student ambassadors are current students from various UL programmes who act as a link between the university and those thinking about studying here. Their aim is to provide you with a current, realistic view of what it's like to study here at UL, how to make the most of your time here, and can suggest some of the many ways for you to get involved in our campus community.

They will give you a unique insight into what it's like to make the move to university, to live away from home, to go on coop, or to study for a semester in another country.

UL ambassadors will take you on a campus tour and show you the hot-spots – there's no better way of getting a feel for UL. Or we can come to you! If you're interested in having one of our ambassadors attend your school and share their UL experience with you, just email schoolengagement@ul.ie and we'll take it from there.

Careers Fairs

Representatives of the University of Limerick regularly attend various careers fairs and exhibitions throughout the country. Organised by Guidance Counsellors, they take place at various times during the year, and in several locations. Our staff will be on hand to speak one-on-one with you and discuss any questions you might have about choosing to study at UL.

UL Visitor Centre & University Shop

The University of Limerick Visitor Centre and Shop presents a wide range of quality items including branded hoodies, t-shirts, hats, varsity jackets and polo shirts. The shop also presents a huge range of UL souvenirs and corporate gifts. The UL Sport range of clothing is also available, including the GAA strip. Stop off here to get the campus information you need. We are located in the Student Centre and open Monday – Saturday.

*These events are subject to change

UL Student Fees

What Fees do I have to pay?

All new entrants will be required to complete an online finance task as part of the Online Enrolment process. The finance task will determine if you are liable for EU or non-EU level fees.

EU Level Fees

All EU Undergraduate Course Fees consist of the following elements:

- Tuition Fees
- Student Services Contribution

Tuition Fees

Tuition fees will be paid by the Higher Education Authority (HEA) for Irish / EU nationals entering third level for the first time and who have been ordinarily resident in the EU for at least 3 of the 5 years preceding entry to third level unless they fall into one of the following categories:

- a. Students repeating a semester / year
- b. Students pursuing a second undergraduate course

The HEA stipulates that students who already hold a Level 6 or a Level 7 qualification and are progressing to a Level 8 course in a different general area of study will not be deemed eligible for free (tuition) fees.

If you are not eligible for Free (Tuition) Fees you will be liable for the EU level fees. A full listing of the 2021/22 EU Fees are available on www.ul.ie/finance/student-fees

The detailed eligibility criteria for Free (Tuition) Fees is set out on www.studentfinance.ie

Student Services Contribution

EU students are liable for the Student Services Contribution (2021/22: €3,000) unless they have been approved for a grant from the Student Universal Support Ireland (SUSI). Please refer to www.studentfinance.ie to determine your eligibility for a grant and for instructions on how to apply. If you are not in receipt of a grant, you must pay the first instalment of the Student Services Contribution in September (2021/22: €1,500) and the balance of the Student Services Contribution in January (2021/22: €1,500).

Student Centre Levy

All students in 2021/22 will be liable to pay the student centre levy of €94. This is not covered by HEA or SUSI.

Non-EU Fees

All non-EU Undergraduate Course Fees cover Tuition Fees. A full listing of the 2021/22 non-EU Fees are available on www.ul.ie/finance/student-fees

How can I pay?

Payment can be made using one of the following methods:

- Online by credit or debit card at <https://ul.sybernetsps.ie/ulvivr/> (upon completion of the Finance task)
- Automated Telephone Payment system is available for Student Fees on 061 529097

You will need the following items when paying this way

- Student ID number
- Student Date of Birth
- Card on which the payment is to be made (Min Payment is €18)

Your UL ID number should be used on all documents.

Find out more!

The Fees Office

T: 00 353 61 529097

E: student.fees.office@ul.ie

www.ul.ie/finance/student-fees

Students on the Free Fees Initiative in Receipt of a Grant

		Student Centre Levy	Tuition Fees	Student Contribution
Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€94 Student Pays	€2,558 Higher Education Authority Pays	€3,000 SUSI or Local Authority Pays	
Education, Science and Engineering Undergraduate Programmes	€94 Student Pays	€4,262 Higher Education Authority Pays	€3,000 SUSI or Local Authority Pays	

Students on the Free Fees Initiative NOT in Receipt of a Grant

Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€94 Student Pays	€2,558 Higher Education Authority Pays	€3,000 Student Pays
Education, Science and Engineering Undergraduate Programmes	€94 Student Pays	€4,262 Higher Education Authority Pays	€3,000 Student Pays

Students NOT Eligible for Free Fees Initiative

Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€94 Student Pays	€2,558 Student Pays	€3,000 Student Pays
Education, Science and Engineering Undergraduate Programmes	€94 Student Pays	€4,262 Student Pays	€3,000 Student Pays

Non-EU Students

Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€94 Student Pays	€12,514 Student Pays
Education, Science and Engineering Undergraduate Programmes	€94 Student Pays	€16,794 Student Pays

Note: Fees are subject to annual review

UL Scholarships and Awards

→Arts & Humanities

Jean Monnet European Studies Entrance Bursary

This Bursary, available only to students of the BA European Studies at the University of Limerick, was set up to mark the special position this course holds among the wide range of Arts and Humanities courses now on offer at UL. The course was among the first to be approved at the then National Institute of Higher Education founded in 1972 and expressed the European orientation of the new institution aimed to underpin Ireland's entry to the European Union's predecessor, the European Economic Community, on 1 January 1973. The BA European Studies is not only the longest established Humanities degree course at the university, it is also among the longest established such programmes in Europe.

The Bursary, named after one of the founding fathers of the European Union Jean Monnet (1888-1979), wishes to acknowledge and appreciate the high calibre of students entering the course each year, and is awarded to the entrant into First Year of the BA European Studies with the highest CAO points score in the Leaving Certificate.

The Jean Monnet European Studies Entrance Bursary has been made possible by the generosity of Professor Edward Moxon-Browne, Emeritus Jean Monnet Professor of European Integration at the University of Limerick from 1992-2009 and Founding Director of CEUROS, the Centre for European Studies at the University of Limerick.

The Bursary will be awarded annually and only once in First Year. No formal application is necessary. The value of the Bursary is €2,000.

For further information: Prof. Joachim Fischer, Course Director, BA European Studies, email: Joachim.fischer@ul.ie

The Noel Ryan Scholarship

The award is given to a student within the Faculty of Arts, Humanities and Social Sciences. The student must be eligible under HEAR (Higher Education Access Route) and meet three specific indicators: income threshold; DEIS school attendance (Limerick City or County); and area. The Scholarship awards €2,000 per year for 4 years, totalling €8,000. The student must complete an essay and may be called for interview.

→Irish World Academy of Music and Dance

PCC Scholarship

As part of its commitment and support of the cultural experience at University of Limerick and in particular the performing arts Campus Life Services is offering a PCC scholarship of the value of €5000 towards accommodation to an undergraduate student of the Irish World Academy of Music and Dance, University of Limerick. This scholarship is only available for applicants of the BA Performing Arts. To apply: www.irishworldacademy.ie

→Business

McCann Fitzgerald Solicitors Prize

McCann Fitzgerald Solicitors (Dublin) offer a monetary prize for the three best performers in module "Capital Taxation" to 3rd year BBS (Accounting and Finance Major Option) students and 3rd year Law and Accounting students.

Kemmy Business School/ Northern Trust Outstanding Scholar Awards

Northern Trust, a US company based in Dublin and Limerick, has sponsored these awards for the past ten years and have agreed to continue the awards for a further two years commencing in 2021. The total value of the sponsorship is €120,000.

Louise Newman Prize

This prize is awarded in memory of the late Louise Newman, a lecturer in Insurance at the University of Limerick. It is awarded in conjunction with the Insurance Institute of Ireland. One prize, valued at €1,000, is awarded to a fourth year International Insurance and European Studies student or a Business Studies (Risk Management option) student with the highest QCA in Insurance Studies.

→Engineering & Technology

Robbie McAdam Commemorative Scholarship

The Robbie McAdam scholarship offered by Analog Devices provides an exciting opportunity for University of Limerick students studying the course LM118 BE Electronic and Computer Engineering. The Scholarship will be awarded

annually, over the period 2016 – 2021, to an outstanding Engineering student in Year 3 of the course and each will receive a stipend of €7,000. Recipients of the Scholarship will also be eligible for a Cooperative education placement at Analog Devices Inc. The Scholarship Fund is established in memory of the late Robbie McAdam of Analog Devices in Limerick. Mr McAdam worked for Analog for more than 30 years, rising to the position of Executive Vice President, Strategic Business Segments Group, within the American multinational company, which has a large operations centre in the Raheen Industrial Estate, Limerick.

Stryker Scholarship

The Stryker Scholarships in Engineering will be awarded to the 4 students with the highest QCA at the end of first year who have chosen to pursue one of number of eligible courses in second year. Each student will be awarded a 1-year scholarship valued at €2,500.

- One Scholarship to be awarded in Technology Management (LM063)
- One Scholarship to be awarded in Product Design and Technology (LM076)
- Two Scholarships to be awarded to students transitioning from Engineering (LM116) to one of following 3 eligible courses in second year (one of the 2 scholarships is to be a Women's Scholarship):
 - Biomedical Engineering;
 - Mechanical Engineering;
 - Design & Manufacture.

ARUP Integrated Design Project Awards in Civil Engineering

There are 4 awards made to students in Year 3 of the Civil Engineering course who undertake an "Integrated Design Project". The awards valued at €1,500 each will be made as follows:

- Best Engineering Design (Group Award)
- Best Site Appraisal (Group Award)
- Best Structural Design
- Best Geotechnical Design

ARUP Scholarship for Women in Civil Engineering

The award is given to a female student in first year BE Civil Engineering option of LM116 BE Engineering, who has developed the best proposal for communicating to second level students what is involved in being a civil engineer.

The Scholarship will have a value of €5,000 and will be paid in one lump sum to the recipient.

AutoDesk, ProCAD Prize

Awarded to a first year BSc Product Design & Technology (LM076) student who continues to excel in Year 2. The prize consists of computer equipment and designer software from AutoDesk (worth in excess of €500).

Designer of the Year Award – Logitech Prize

The Design Showcase Prize is awarded to the Year 4 year student judged to be the Designer of the year from the BSc in Product Design and Technology (LM076). The prize is presented at the annual Design@UL Exhibition.

Innovative Student Engineer of the Year Awards

Sponsored by Siemens and organised by Engineers Ireland (EI) is awarded annually to a final year undergraduate student on an EI accredited course. The award was launched in April 2014 by Engineers Ireland. The prize is awarded for projects showing innovation in engineering and having development potential. First prize is €1,500 and a trophy. Further information is available at www.engineersireland.ie/groups/students/innovative-student-award.aspx

Intel, Shannon Women in Technology Scholarship

These scholarships are open to Secondary school 6th year female pupils but also to 1st and 2nd year third level female students. The scholarship is offered nationally. A current 1st or 2nd year female undergraduate is entitled to apply for the scholarship. Successful students will receive a grant of €2,000 for the remainder of their degree if they maintain a 2.1 grade. INTEL offer placements and mentoring to students and there is the strong possibility of graduate employment. Application Forms are available by contacting Intel at shannon-scholarships@intel.com This is an exciting opportunity for women studying the following courses; LM121 BSc Computer Science LM125 BSc Physics LM124 BSc Mathematics LM118 BE Electronic & Computer Engineering Further information on www-ssl.intel.com/content/www/ie/en/womenin-technology-scholarship-programlanding-page.html

Intel Shannon "Paul Whelan" Scholarship

The Intel Shannon "Paul Whelan" Scholarship provides an exciting opportunity for University of Limerick students studying LM118 – Bachelor of

Engineering in Electronic and Computer Engineering or the BSc Computer Systems option of LM121 BSc Computer Science. The scholarship is awarded annually to outstanding students already placed in the first two years on both courses. They will receive €2,500 per annum for the remainder of their undergraduate degree provided they maintain a 75% (or equivalent) grade average in their examinations at the end of each year. The scholarship programme includes the opportunity for co-operative placements and/or summer internships in the Intel Shannon workplace to be assigned a mentor from the Intel staff who can assist and provide advice on managing their academic career. E: shannon-scholarships@intel.com

Fiachra Treacy ORIX Aviation Awards

The Fiachra Treacy ORIX Aviation Awards will be presented at the beginning of the academic year 2021/22 to two final year students studying Aeronautical Engineering at the University of Limerick. A once-off sum of €2,500 will be paid to each successful awardee.

Students must be enrolled in either 4th year (BE Aeronautical Engineering) or 5th year (ME Aeronautical Engineering) to be eligible. Applicants will be required to complete a written submission and participate in an interview to be considered for the scholarship.

Eligible students will be invited to apply in October/ November.

The written submission should have a word count between 1,500 – 1,800 and include the below considerations:

- Where has your passion to study Aeronautical Engineering come from? Tell us about your desire to pursue a career in Aeronautical Engineering.
- Can you tell us about any activities that demonstrate your passion to work in Aviation Industry?
- Why should you be awarded the scholarship? How could this scholarship help you as part of your final academic year?
- Please provide concluding remarks and any additional information you wish to be considered.

3 annual instalments of €2,500. The award is based on the student having a minimum of 2.9 QCA at the end of 1st Year and it is a requirement that the successful recipient maintains a 2:1 GPA throughout their degree.

Recipients of the Scholarship will also be eligible for Co-operative education and Graduate placement at Ei Electronics Corporate Headquarters in Shannon, Co. Clare.

For further details and application information visit:

<https://www.eielectronics.com/ul-scholarship/>

Women in Engineering Bursary Awards

Engineering degree courses at the University of Limerick are considered for Women in Engineering Bursaries. Up to eight bursaries, valued at €500 each and available for one year, are awarded based on points achieved in the Leaving Certificate.

→Journalism

Live 95 Radio Journalism Award

This award is presented annually by Limerick Live 95FM for a radio documentary that reveals something new about a matter of public interest in the Limerick region. Students must produce a 10-minute radio documentary that will be judged by the senior editorial staff in Limerick Live 95FM. The winning documentary wins a €500 prize and their work is broadcast on the radio station.

Irish Examiner Video Journalism Award

This award is presented annually in association with the Irish Examiner. Students must produce a short video package on a matter of public interest in the Munster region. Five submissions are shortlisted and broadcast on the Irish Examiner website with the winner judged on the basis of both journalistic standard and audience impact. The winner receives video-journalism equipment to the value of €500.

→Law

The School of Law is delighted to offer, in association with sponsors, a number of student prizes recognising excellent academic achievements. These awards are made annually.

Arthur Cox Valued Participation Prize

This prominent firm offers prizes to students who not only achieve excellent grades, but also contribute to life at UL. Students should apply to the Head

of the School of Law to be considered for the prizes. Students are eligible to apply for the prizes on the basis of third year end of Autumn exams in Law and Accounting or end of year second year exams in Law Plus. The eligibility criteria is QCA 3.3 or higher in Law Plus after the summer 2019 second year exams and in Law and Accounting after third year 2019 autumn exams and evidence of a significant contribution to life at UL - through, for example, sporting or volunteering. Contact: Eimear Power, Human Resources, Arthur Cox Solicitors

A & L Goodbody Solicitors Prizes
This large successful firm offers two law student prizes, one to first years and one to second years. The law student who completes first year with the highest academic grades will win an iPad (or similar tablet PC). The second year law student with the top marks in law subjects will win an amount of €500 from this firm. Contact: Nessa Kiely, A&L Goodbody

Holmes O'Malley Sexton Scholarship

The Holmes O'Malley Sexton Scholarship has been awarded every year since 1999. Originally focused on academic performance in legal studies, since 2019 it prioritises access and support for high-achieving law students from disadvantaged backgrounds. A scholarship of €2,500 is awarded in the student's final year based on academic performance.

Judge Catherine McGuinness Prize

An alumnus of the School of Law offered an annual prize of €300 to students enrolled on the Law Plus degree course and honored the former judge by naming the award after her. The alumnus funded this for 3 years. The prize will be awarded to the student who achieves the highest marks based on the two clinical skills modules - Introduction to Lawyering I and II.

Matheson Solicitors

This premier firm provides a great opportunity for first year law students who can win a monetary amount. There are student prizes for the highest marks over two Contract Law modules. 1st and 2nd prizes are awarded. Contact: Carmel Mellett, Human Resources, Matheson Solicitors

Mason Hayes & Curran Solicitors
Business Law firm Mason Hayes & Curran are offering €500 to a student who completes modules LA4530 and LA4540 with the highest grades. Contact: Declan Black/Ruth Jones

Bloomsbury Labour Law Prize

Bloomsbury publishing are offering a prize of a credit with the Publishing company to the student who achieves the highest grade in Labour Law. Contact: Jennifer Simpson

→Nursing and Medicine

Edith and Leslie Downer Entrance Scholarship

The Edith and Leslie Downer scholarship has been set up in memory of the mother and father of the President Emeritus of the University, Professor Roger Downer.

The scholarship will be awarded to the student with the highest Leaving Certificate points enrolled in any one of the following degree courses:

- BSc Nursing (General)
- BSc Nursing (Mental Health)
- BSc Nursing (Intellectual Disability)

The award is tenable for one year and is valued at €1,000. The successful applicant must be a full-time student, be an Irish citizen, have lived most of his/her life in Ireland and received their education in Ireland, and be permanently resident in Ireland.

School of Medicine Scholarship Scheme

This scholarship scheme provides financial assistance to socio-economically disadvantaged students applying for the Bachelor of Medicine Bachelor of Surgery (Graduate Entry). Applicants must: be an Irish/EU applicant, satisfy all academic requirements for admission and have previously entered third level education via a recognised Access route. The scholarship aims to cover tuition fees plus a modest contribution towards living expenses. Further information can be downloaded from the School of Medicine website: www.ul.ie/medicine/

First Prize for Overall Performance in the BMBS Graduate Entry Degree Course

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest QCA on the BMBS Graduate Entry Degree Course (In the event of a tie, the award will be given to the student who has the highest cumulative QCA scores obtained in Medicine, General Practice / Primary Care and Surgery Modules).

First Prize in the Discipline of General Practice/Primary Care

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the General Practice/Primary Care module.

First Prize in the Discipline of Medicine

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Medicine module.

First Prize in the Discipline of Obstetrics and Gynaecology

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Obstetrics and Gynaecology module.

First Prize in the Discipline of Paediatrics

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Paediatrics module.

First Prize in the Discipline of Psychiatry

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Psychiatry module.

First Prize in the Discipline of Surgery

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Surgery module.

First Prize in the Discipline of Professional Competencies

This is awarded to the student graduating from the Bachelor of Medicine Bachelor of Surgery Graduate Entry Degree Course who achieves the Highest Percentage score in the Professional Competencies module. In order to be eligible for the Professional Competencies prize, the student must also have no record of unprofessional behaviour throughout the course.

For more details contact josephine.lynch@ul.ie telephone: 061 202603

→Science

GECAS Women in Aviation Scholarship in Aeronautical Engineering

Commencing in 2019, GECAS launched Ireland's first ever Women in Aviation Scholarship to help drive increased engagement by female students in Aeronautical Engineering.

One scholarship is awarded each year to a first-year female student of the UL Bachelor of Aeronautical Engineering course. The successful student will be awarded €5,000 for each year of their studies (totalling €20,000 by graduation) and will receive a co-op placement

form GECAS, summer internships and mentoring relationships for the duration of their studies.

The scholarship will be awarded based on academic achievement and passion for aviation, and students will be invited to apply in the first academic semester.

Coolmore Prize

The Coolmore prize is awarded to the student with the best presentation of final year project on the LM093 B.Sc. Equine Science course. The prize consisting of a medal is awarded annually at the Autumn Conferring Ceremony. For more information, email: sean.arkins@ul.ie

The Critchley Prize

Instituted in honour of the late Dr Robert Critchley, Senior Lecturer in Applied Mathematics (1977-2007), this prize is awarded to the student who obtains the highest QCA in first year in LM058 Financial Mathematics, the Mathematical Sciences option, Mathematics and Physics option and Economics and Mathematical Sciences option of LM124 BSc Mathematics provided that five or more mathematics modules are taken in year 1. Further details contact alan.hegarty@ul.ie.

Food Science and Health Academic Achievement Award

This award is made annually to the final year student in the LM068 B.Sc. Food and Health Science course with the highest QCA. The award consisting of a cash prize is awarded at the Summer Conferring Ceremony. The award is made by the Department of Biological Sciences.

The George Gooberman Memorial Prize for Excellence in Physics

The George Gooberman prize is given in recognition of outstanding academic achievement. It is awarded to the student that excels in first year LM125 of BSc Physics in both BSc Applied Physics or BSc Mathematics & Physics options of LM125 BSc Physics.

Horse Racing Ireland Prize for Services to the Thoroughbred Industry

The Horse Racing Ireland prize for services to the Thoroughbred Industry is awarded to the LM093 B. Sc. Equine Science student with the best Final Year project on the thoroughbred industry. The trophy is funded by Horse Racing Ireland and is awarded annually at the Autumn Conferring Ceremony.

For more information, email: sean.arkins@ul.ie

Kerry Ingredients Prize

This prize is awarded to the students with the best Final Year Project presentation in the LM068 B.Sc. Food Science and Health course. Excellence in research, presentation and understanding are the criteria considered in awarding the prize. The first, second and third place cash prizes are awarded annually after the Conferring Ceremony at a reception at the Department of Biological Sciences. For more details, email: eibhlis.oconnor@ul.ie

Frank McGourty Award

The Frank McGourty Award is made in recognition of outstanding academic achievement. Two awards are made annually. One to the student with the highest QCA in their final year of study on the B.Sc. (Education) Biological Science course, and one to the student with the highest QCA in their final year of study on the B.Sc. in Equine Science. Each trophy is presented annually at the Autumn Conferring Ceremony. For further details contact audrey.ogrady@ul.ie [for Education] or sean.arkins@ul.ie [for Equine]

The Roibeárd Thornton Memorial-Janssen Biologics Scholarship

Named in memory of Dr Roibeárd Thornton and sponsored by Janssen Biologics, the Roibeárd Thornton Memorial-Janssen Sciences Scholarship awards €2,500 to support a summer project in a research laboratory at UL for a 2nd year student of the BSc Bioscience course in the School of Natural Sciences. The award will be made following a 2-stage process, including presentation by candidates and interview by a panel consisting of representatives of the Dept of Biological Sciences and Janssen Biologics. The scholarship programme will run until 2021. For more information, contact: Dr Jakki Cooney, Dept. of Biological Sciences at UL.

Royal Irish Academy Hamilton Awards – Mathematics

The annual Royal Irish Academy Hamilton Prize is awarded in nine higher education institutes in Ireland. It is presented to the best undergraduate mathematics students in their penultimate year of study as nominated by their individual University. At the University of Limerick, the student with the highest QCA (based on Semesters 3, 4, 5) receives a cash prize of €250 for their performance in either LM058 BSc Financial Mathematics or BSc Mathematical Sciences option accessed through LM124 BSc Mathematics and BSc Physics accessed through LM125 BSc Physics

→Sport

UL Sport Scholarship Academy

The UL sport scholarships are designed to support top athletes in pursuing and excelling in their sport while also undertaking academic study at the University of Limerick. The scholarships are awarded at Gold, Silver and Bronze levels, and can have a value of up to €10,000 at the Gold level.

The scholarship award includes a training grant, coaching support, performance and sports science services, contribution towards on-campus accommodation (only) and registration contribution depending on the level of the award. The scholarship programme also includes dual career workshops and other related seminars together with other supports designed to help our scholarship athletes manage successful sporting and academic careers. UL has a unique combination of some of Ireland's best facilities, coaches, athletes and sports scientists in one location. Supporting the development of World Class performance the UL sports scholars will benefit from our great facilities, people and experience we have to offer in helping young athletes develop successful dual careers.

The scholarships are open to all current UL students or those who are applying to come to UL for the first time either through CAO or transferring at undergraduate or postgraduate level. Applicants must be a member of a national governing body of sport recognised by the Irish Sports Council, in the sport in which they are applying for a scholarship.

Due to the phenomenal demand and interest, with upwards of 600-700 applications each year, applicants are shortlisted, with the support of experts in the various sports and those shortlisted are invited to attend for interview. All applications are submitted through an online system open 1st January to 1st March each year, with strict adherence to closing date.

You can find out more and apply through the UL Sports Scholarship website www.ul.ie/sportsscholarships

Paddy Dooley Rowing Scholarship

The Paddy Dooley Rowing Scholarship has been established through the generosity of the Dooley family. The family, who are from Limerick, decided to establish the scholarship in honour of their father, who captained the Irish Olympic eight, in the 1948 Olympic Games in London. The awarding of the scholarship, which encompasses all undergraduate academic disciplines,

will be based on rowing promise and Leaving Certificate results or academic performance. The recipient must represent the University of Limerick in rowing competitions, achieve performance related goals set by the ULRG and contribute towards the development of rowing in UL.

The Scholarship is for €2,500 and is open to full-time students from any year of undergraduate study at the University of Limerick. The scholarship is awarded on a yearly basis and any recipient is entitled to reapply for the scholarship in subsequent years subject to satisfactory academic progress and the student continuing to represent the University in rowing competitions. Candidates must be Irish citizens or be permanent UL Scholars and residents in Ireland (as defined by the University Finance Office). You can find out more and apply through the UL Sports Scholarships website www.ul.ie/sportsscholarships

The Michael Hillery and Jacinta O'Brien Athletics Scholarship

These Athletics scholarships, honouring the memory of Michael Hillery and Jacinta O'Brien, deceased members of the UL community each estimated as equivalent in value of €5,000.

The benefits include similar supports as outlined under the UL Sport Scholarship Academy.

You can find out more and apply through the UL Sports Scholarships website: www.ul.ie/sportsscholarships

Provincial GAA Bursary Scheme

- This scheme is administered and run by Munster GAA and Provincial Councils in Leinster, Ulster and Connacht
- Players receive Scholarship payment of €750, payable in 2 instalments
- Munster GAA interview in UL for the Munster Bursaries
- Other provincial councils interview locally.
- These bursaries are for club members who contribute to club in playing, administration or coaching roles.

How do I apply?

Application forms come out in September and may be downloaded from www.gaa.ie, www.facebook.com/ulgaa, Twitter: @ul_gaa

→General

The 1916 Bursary Fund

In Budget 2017 the Minister for Education and Skills announced a new 1916 Bursary Fund to commemorate the centenary of 1916 as part of the overall

package of access measures to promote participation by under-represented groups in higher education. These Bursaries differ from existing bursaries in a number of respects, in that they are targeted at non-traditional entry and can support undergraduate study on either a full or part-time basis. Each bursary will be the amount of €5,000 per annum. 19 Bursaries, the biggest number in any HEI in Ireland, are available to first year under-graduate students in the University.

Students must be from one of the following target groups:

- Lone parents (at least 20% of the bursaries will be targeted at lone parents)
- First time, mature student entrants
- School Leavers from Socio-Economic Disadvantaged Backgrounds
- Ethnic Minorities
- Students with a disability – particularly students with a physical/mobility impairment, students who are deaf/hard of hearing and students who are blind/visually impaired
- Members of the Irish Traveller Community
- Further education award holders (QQI full award holder) (As the basis on which you achieved your place in UL)

All recipients have to be socio-economically disadvantaged regardless of the target group.

Cooperative Education Award

The Cooperative Education Award recognises exceptional student performance on Cooperative Education placement. One award per Faculty is presented every year to the successful students on graduation day.

Nominations for the award are accepted from employers only through the employers final evaluation of the student, which is an online survey sent to all Cooperative Education Employers at the end of a student's placement. Where a student is identified as a potential candidate for the Cooperative Education Award, the employer is encouraged to make a formal submission via the Final Employer Evaluation. All nominations must include a supporting statement in order to be considered.

The final selection for the awards is made by representatives of Faculty and the Cooperative Education & Careers Division.

Elaine Fagan Scholarship

The Scholarship Fund is established in the memory of Elaine Fagan and

sponsored by Michael Fagan and family. First established for the academic year 2011/2012 the scholarship is to the value of €5,000 and a total of 5 awards will be made, with a different recipient every year. The award is open to first year undergraduate students that entered the University through DARE - the Disability Access Route to Education - or have a disability and can satisfy the selection committee they meet the criteria applicable to DARE. The scholarship is restricted to applicants from the Mid-West region. The scholarship will be based at the discretion of the selection committee on a combination of personal circumstances, achievements to date, financial need, and the likely impact the scholarship will have on their personal lives and future goals. Application forms and further information is available from the Disability Support Services Office on (061) 213098 or e-mail: disabilityservices@ul.ie

Financial Aid Fund

In conjunction with UL Student Life and the Postgraduate Students' Union, the University administers two types of financial aid. The Financial Aid Fund is supported by gifts from UL Alumni through the UL Foundation's Alumni Annual Fund Appeal and through UL Student Capitation. This scheme is designed to help students who experience short-term financial problems. If the student qualifies for assistance, she/he will receive an interest free loan. This loan is repayable in full prior to graduation. Additionally, student parents who are experiencing financial difficulties can apply for a Childcare Bursary to support them with their childcare/child-minder costs.

If a student is experiencing financial difficulty and wishes to apply for either type of funding, she/he is encouraged to call to Room CM071 to meet with the chaplain, or alternatively, the student can email john.campion@ul.ie to make an appointment. Any postgraduate student wishing to avail of either type of funding can email psupresident@ul.ie for an appointment. Application Forms and further information are available from UL Student Life or the Student Information and Support Coordinator Jenny Blake, email studentsupport@ul.ie or the PSU President in the Stables Courtyard.

Higher Education Grants & VEC Grants

Students registered for full-time undergraduate courses (of at least 2 years duration) at the University of Limerick may apply for grants under the national centralised scheme. These grants may be renewed annually, subject

to satisfactory academic progress and means test.

An ONLINE ONLY grant applications system was introduced in 2012. All applications are made online to a single awarding authority, Student Universal Support Ireland (SUSI) through www.grantsonline.ie

As soon as the online application system opens for the 2019/20 academic year, students will be able to register online with SUSI and then complete the online application form. The online application facility will be available through www.grantsonline.ie. Remember, it will NOT be necessary to have received an offer of a college place or to be enrolled in college in order to apply.

All Ireland Scholarships - sponsored by J.P. McManus

The All Ireland Scholarships was first proposed by JP McManus when he expressed a strong desire to provide funds for the establishment of a third level education scholarship scheme covering the thirty-two counties of Ireland. He stated that the Celtic Tiger will be around forever and that education will be the key for success in more difficult times. He was also conscious of the cross border dimensions of the proposed scholarship programme and stated that the All Ireland Scholarships scheme should operate on a similar basis North and South.

The All Ireland Scholarships were subsequently established with a donation of €30m by JP for application in the provision of third level education scholarships, spread on a county by county basis throughout the island of Ireland viz:

€24m - Ireland

- 26 counties
- 100 Scholarships per annum

€6m - Northern Ireland

- 6 counties
- 25 Scholarships per annum

The All Ireland Scholarships Programme commenced during 2008. The value of each scholarship is set at €6,750 per annum in Ireland and stg£5,500 per annum in Northern Ireland and will continue for the duration of the undergraduate courses chosen by the scholarship winners.

Participation in the scholarship scheme is confined to those who are exempt from paying the Leaving Certificate Examination fee in Ireland or are in receipt of the Educational Maintenance Allowance in Northern Ireland, and the scholarships are awarded on the basis of the results of a candidate's first attempt at the final secondary education

examinations in Ireland or Northern Ireland.

Plassey Campus Centre Scholarship Programme

Plassey Campus Centre is the company established by the University to manage and develop Campus Life Services which include on campus residences, retail, bar and restaurant services at University of Limerick. Campus Life Services aims to support the educational mission of the University by providing services which are essential to develop a modern, vibrant campus. Plassey Campus Centre provides the following undergraduate on campus accommodation scholarships each year:

- 3 Access Scholarships – contact the Access Office on 061 213104
- 2 Sports Scholarships - email: sportsscholarships@ul.ie

President's Volunteer Award

Students at the University of Limerick have a long and proud volunteer history. To find more go to www.studentvolunteer.ie. Volunteering is a self-directed extra-curricular student activity supported by the Community Liaison Office.

The President's Volunteer Award (PVA) programme is a formal acknowledgment of the students' commitment to volunteering and is recorded on UL student transcripts. UL is the only Higher Education Authority to do so. In addition all recipients are invited to attend the annual PVA ceremony presided over by the President of the University of Limerick. Also in attendance is the wider campus community, volunteer organisations and the families and friends of student volunteers.

There are five levels of award:

- **BRONZE:** 20 hours of volunteering
- **SILVER:** 40 hours of volunteering
- **GOLD:** 60 hours of volunteering
- **Plassey:** 12 hours over a semester (Int'l student).
- **Overseas:** for students volunteering overseas)

For further information on the PVA email: pva@ul.ie or visit www.studentvolunteer.ie

Scholarships for International Students

A number of merit based scholarships are available to full-time Non-EU students. For further information please visit the International Education Website: www.ul.ie/international or e-mail international@ul.ie

The Dr and Mrs Ushioda Scholarship

This scholarship, awarded by the Ireland Japan Association to a student in AHSS or the KBS going to Japan as part of their study of Japanese. The scholarship alternates between DCU and UL every second year. This €1,000 scholarship celebrates the pioneering work of Dr and Mrs Ushioda in promoting Irish Japanese relations over many years.

University of Limerick Gold Medal

A Gold Medal is awarded annually to the University of Limerick undergraduate student graduating with the highest overall QCA in their final year of study. The medal is awarded during the annual conferring ceremony.

University of Limerick Silver Medal

A total of 5 Silver medals are awarded annually – one to each faculty and one to interfaculty courses in the University of Limerick. The medals are awarded to the undergraduate students within each faculty graduating with the highest overall QCA in their final year of study. The medals are awarded during the annual conferring ceremony.

UL40 Scholarships

To mark the 40th anniversary of the University of Limerick, 40 entrance scholarships were inaugurated in 2012. Students are selected on the basis of their performance in the Leaving Certificate. The value of the award is €2,000. Ten UL40 scholarships are available to mature students (students must be 23 years of age on the 1st January 2018). Eight of the mature student scholarships are awarded to first year mature students – two per faculty – via a competitive application process, after students have registered on their course in September. Two of the mature student scholarships are automatically awarded to students progressing from the Mature Student Access Certificate, based on their final results in that course. Information on application for these scholarships is available from the Mature Student Office. To qualify for consideration candidates must have not received any other entrance scholarship from the University of Limerick.

Anthony Foley scholarships

The Anthony Foley scholarships will run until 2024, and will enable students with sporting talent, those gifted musically, or those with financial difficulties to study at UL.

All scholarships and awards information correct at time of going to print.

Entry Requirements

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1. General Entry Requirements

1a. Minimum Entry Requirements

The minimum entry requirements for admission to the University of Limerick are outlined in sections 2 - 6. Generally in order to satisfy the minimum entry requirements, applicants are required to present a minimum of six subjects in their school leaving examination which must include evidence of competency in English, Mathematics and Irish or another language.

Language Exemptions

The University of Limerick grants language exemptions to applicants with specific learning difficulties and/or hearing impairment. Consideration is also given to candidates who may not have had the opportunity to take a second language within primary/secondary school cycle. All applicants are required to apply online at www.ul.ie/academic-registry/ to be considered for a language exemption. Successful candidates will be exempt from the second language requirement for admission to the University.

1e. Fitness to Practise

'Fitness to practise' means having the necessary skills, knowledge, health and character to undertake and complete, safely and effectively, a course that includes elements of professional practice, experiential learning or clinical work. Courses where 'Fitness to practise' is a requirement are indicated in the specific subject requirements. The following points are intended to provide guidance to those applying to courses and to students in relation to their responsibilities:

- An applicant who has concerns about his/her ability to meet the fitness to practise criteria for the course in question should seek advice from the relevant course director, the Admissions office or the Disability Support Services office.
- Students should make themselves aware of the Fitness to Practise policy and other relevant conditions of registration, such as healthcare screening and student vetting.
- At the beginning of each academic year of their course, students are required to confirm that they continue

1c. Competitive Entry

Admission to most undergraduate courses is extremely competitive and applicants are ranked in order of merit, based on their performance in their school leaving examinations.

1d. Student Vetting

It is the policy of the University of Limerick that students whom the University places or makes arrangements for placement at a relevant organisation as part of the student's course of education, training or scheme, including any internship scheme, where such placement requires the student to participate in 'relevant work or activities' relating to children or vulnerable adults, must be vetted in accordance with the University's Student Vetting Policy. Courses where Student vetting is a requirement are indicated in the specific subject requirements for that course. Offers of a place on these courses will be provisional pending the outcome from the student vetting process.

1b. Specific Subject Requirements for Individual Courses

Applicants are required to satisfy additional specific subject requirements for the course(s) of study to which they are seeking admission. Details of specific course requirements are set out on page 56-59 of this prospectus.

Course Additional Requirement

- LM026 - Audition
- LM076 - Portfolio
- LM099 - Portfolio
- LM103 - Clean Driving Licence required (Full B and minimum Provisional C1)
- LM173 - Portfolio

to meet the fitness to practise requirements. This statement should confirm that, in the student's opinion, he/she has the ability to undertake safe and effective practice and to meet the standards of professional competencies noted in the statement. False declarations in any of these statements will be regarded by UL as a matter for referral to the student disciplinary process.

- Students must, at all times, meet the professional and ethical requirements of their course of study. In addition, poor professional performance while on placement is not acceptable and may ultimately lead to a referral to the Faculty Fitness to Practise Committee.

- As part of his/her professional responsibility, it is each student's responsibility to bring to the University's attention as soon as practicable any issue, such as illness, incapacity, substance misuse, other medical issue or pending prosecution or any other issue, that is likely to affect his/her capacity to engage in a professional manner at all times during his/her course of study.

- Students should discuss with their placement/clinical supervisor or head of department/school concerns they may have about fitness to practise issues relating to their own conduct or that of others.

1f. Withdrawal of Offer

The University of Limerick reserves the right not to consider any applications and to cancel any offers of places in cases where requested information has not been provided or where falsified or misleading information has been supplied. The University of Limerick will accept no responsibility for any loss or hardship arising from failure to supply correct and complete information at the appropriate time.

The University of Limerick also has a responsibility to maintain a positive learning environment and to provide a safe and secure environment for its staff, its students, and the campus community. Both CAO applicants and direct applicants are required to bring to the notice of the Vice President (Academic Affairs & Student Engagement) when applying for admission to the University, any criminal convictions or other matters that would impinge on the University's obligations and responsibilities as described above.

The University of Limerick reserves the right, at its sole discretion, to refuse to register a CAO applicant, or direct entry applicant or applicant by any other application mechanism where to do so might either impact on the University's:

- (a) obligation to maintain a positive learning environment; and/or
- (b) duty of care to others.

2. Irish Leaving Certificate Applicants

2a. Minimum Entry Requirements

Degree

At the time of an offer, an applicant is required to hold the Leaving Certificate (or equivalent), with a minimum of six subjects. Results must include:

- Grade H5 (Higher Level) or better in at least two subjects and
- Grade O6 (Ordinary Level)/H7 (Higher Level) or better in at least four subjects

Notwithstanding the above, an applicant must have a minimum of an F6 in Mathematics, an O6/H7 in English, and an O6/H7 in another recognised language. Applicants must also ensure that they meet course-specific entry requirements.

Certificate/Diploma

An applicant is expected to hold at the time of enrolment the established Leaving Certificate with at least five O6 (Ordinary Level) grades or five H7 (Higher Level) grades. Subjects must include Mathematics, Irish or another language and English. Candidates wishing to transfer to the follow-on Diploma course in Equine Science will require at least a Second Class Honours award at Certificate level.

Graduates obtaining at least a Second Class Honours in the Diploma will be considered for entry to year 4 of the B.Sc. in Equine Science.

Foundation Mathematics, Foundation Irish, Leaving Certificate Vocational Programme (LCVP)

For the purpose of satisfying minimum entry requirements

- An F6 (Foundation Level) grade in Mathematics can be used as an alternate to an O6 (Ordinary Level) grade and can be used to satisfy the

Mathematics subject requirement.

- Foundation Irish and the Leaving Certificate Vocational Programme (LCVP) are not recognised.

Special Mathematics Entrance Examination

The University holds a Higher Level Special Mathematics Entrance Examination in August each year for students who achieve sufficient CAO entry points and satisfy all other entrance requirements, but who do not achieve the requisite grade in Higher Level Mathematics in the Leaving Certificate for Faculty of Science and Engineering undergraduate degrees. Candidates who pass this special examination are deemed to have satisfied the Higher Level Mathematics entry requirement for all courses run by the Faculty of Science & Engineering. Further information and an application form is available from www.scieeng.ul.ie

2b. Specific Subject Requirements for Individual Courses

Specific subject requirements for individual courses are detailed in the summary table on pg.56-59. It should be noted that candidates may continue to fulfill minimum and specific subject requirements from more than one sitting of the Leaving Certificate.

2c. Competitive Entry

Due to the number and calibre of applicants, qualified candidates to all undergraduate degree courses who satisfy the minimum and specific entry requirements outlined above, are placed in order of merit based on a points system. The system operates as follows:

- Points are awarded for all Leaving Certificate Higher and Ordinary Level Subjects based on the grades achieved in each subject with the exception of the following subjects
 - Foundation Mathematics
 - Foundation Irish
- Points are awarded for the best six subjects.
- Where applicable the LCVP can be considered for points purposes provided the minimum entry requirements and specific subject requirements are satisfied.
- The six subjects must be taken at any one sitting of the Leaving Certificate.

Table 2

Points System Leaving Certificate					LCVP	
Grades	% Marks	Pts Higher Lvl	Pts Ord Lvl	Pts Higher Lvl Maths*	Grade	Points
H1/O1	90 - 100	100	56	125	Distinction	66
H2/O2	80 < 90	88	46	113	Merit	46
H3/O3	70 < 80	77	37	102	Pass	28
H4/O4	60 < 70	66	28	91		
H5/O5	50 < 60	56	20	81		
H6/O6	40 < 50	46	12	71		
H7/O7	30 < 40	37	0			

*Including 25 bonus points – Bonus points are ONLY awarded for Higher Level Mathematics at Grade H6 and above and where it is included as one of the applicants best six subjects.

- An additional score of 25 points is awarded for grades H1 to H6 in the Higher Leaving Mathematics. The additional scores apply only where it is included as one of the applicant's best 6 subjects. The scoring system is shown in Table 2.

The following rules apply to combinations of subjects when computing an applicant's point score. These rules also apply in fulfilling minimum entry requirements:

- Physics, Physics & Chemistry count as one subject.
- Chemistry, Physics & Chemistry count as one subject.
- Physics, Chemistry & Physics, and Chemistry count as two subjects.
- Home Economics (Scientific and Social), Home Economics (General) and Home Economics (Single course), any combination counts as one subject.
- English, English Composition count as one subject.
- Music, Music and Musicianship, Music and Musicianship A, Music and Musicianship B, any combination counts as one subject.
- Agricultural Economics, History, Economics, Economic History count as three subjects.
- Any two or three subject combination of: History, Economics, Economic History, Agricultural Economics, counts as two subjects except when Agricultural Economics and Economics are combined in which case they count as one subject.

3. GCE/GCSE Applicants

3a. Minimum Entry Requirements

Applicants are required to hold at the time of enrolment at least Grade C in two GCE A Level subjects and Grade 4 or Grade C at GCSE Level in four subjects (including English; Mathematics and a second language). VCE A Levels cannot be used to satisfy minimum entry requirements.

3b. Specific Subject Requirements for Individual Courses

There are specific subject requirements for individual courses. Details of these are available in the separate publication "GCE Entry Requirements" copies of which are available from Academic Registry and online at www.ul.ie/academic-registry/. VCE A Levels cannot be used to satisfy specific subject requirements.

3c. Competitive Entry

Due to the number and calibre of applicants, qualified candidates to all undergraduate degree courses who satisfy the minimum entry requirements outlined above, are placed in order of merit based on a points system. The system operates as follows:

- Points are awarded for a maximum of four distinct recognised subjects
- If four A-levels are presented, the fourth is scored at a lower rate

Points GCE A - Levels

Grade	Best 3 A-Levels	4th Subject	
		A-Level	AS-Level
A*	185	45	31
A	156	38	26
B	131	32	22
C	106	26	18
D	84	20	14
E	63	15	11

NB Mathematics and Pure Mathematics cannot be counted separately for points purposes.

4. Applications from EU/EFTA Countries

All applications from EU/EFTA countries who are presenting school leaving examinations other than Irish Leaving Certificate and GCE A-Levels, are assessed based on the "Guideline Entry Requirements for EU/EFTA applicants" framework. For each country, the framework provides equivalencies to the minimum entry requirements, specific subject requirements and competitive entry requirements based on the Irish Leaving Certificate examination. Further details on these equivalencies are available from www.ul.ie/academic-registry/

undergraduate course they plan to proceed to the following September. On successful completion of the course, students progress to the degree course of their choice in the autumn and are offered a variety of academic, personal and social supports while studying at the University. Further information and application material is available on this course from University of Limerick Access Office.

Tel: 061 213104
Website: www.ul.ie/access
Email: access@ul.ie

Higher Education Access Route (HEAR)

The Higher Education Access Route (HEAR) is a college and university scheme which offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland.

HEAR has been established by a number of Higher Education Institutions based on clear evidence that socio-economic disadvantage has a negative impact on educational achievement at school and progression to higher education.

5. Non-EU Applicants

All applications from countries outside of the European Union are assessed on an individual basis. In all circumstances, applicants must have evidence of satisfying the minimum entry requirements and specific subject requirements for individual courses.

University English language requirements also apply for applicants from non-English speaking countries.

6. Additional Entry Routes

6a. Access for Socio-economically Disadvantaged Students

The University actively encourages participation by socio-economically disadvantaged students in its courses. Students applying to the University through the Access Office will be assessed socio-economically to determine their eligibility. The Access Office offers two entry routes to the University of Limerick: the Access to University Course and the Higher Education Access Route (HEAR).

Access to University Course

The Access to University Course is a 13 week full time course held in the University during the Spring Semester. The course consists of modules in study skills, personal development, transition to university, life skills, logical problem solving, and computer skills. Participants also undertake a link-in module in the

6b. Access for Students with Disability/Specific Learning Difficulty

Disability Access Route to Education (DARE)

The Disability Access Route to Education (DARE) is a third level alternative admissions scheme for school-leavers whose disabilities have had a negative impact on their second level education.

DARE offers reduced points places to school leavers who as a result of having a disability have experienced additional educational challenges in second level education. School leavers who meet the Irish Leaving Certificate minimum entry and specific subject requirements compete for a quota of places allocated to applicants on a reduced points basis in the University of Limerick.

DARE is for school leavers (under 23 years old as at 1st January). Mature Students have different admissions routes (outlined below).

Potential applicants may make advance contact with Caoilinn Kennedy Telephone: (061) 234847

6c. Mature Entry

Minimum Entry Requirements

Applicants may apply for consideration on the grounds of mature years. Applicants must be at least 23 years of age on 1st January in the year of entry.

Selection and Assessment

Admission to Nursing and Midwifery Courses

Mature applicants to degree courses in General, Mental Health, Intellectual Disability Nursing and Midwifery must undertake a written assessment test. This test is run by the Nursing and Midwifery Board of Ireland (NMBI). The test is usually held in April. Mature applicants seeking further information on application to degree courses in Nursing, and in Midwifery, should also consult the booklet "Nursing/Midwifery a Career for You" available from:

Nursing & Midwifery Board of Ireland
Telephone: 01 6398528
Email: careersinformation@nmbi.ie
Web: www.nmbi.ie

Admission to LM089 Sports and Exercise Sciences, LM100 Physiotherapy and LM102 Psychology
 In the case of LM089 Sports and Exercise Sciences, LM100 Physiotherapy and LM102 Psychology applicants are required to undertake the Mature Students Admissions Pathway (MSAP) test. There is one sitting of the test annually, usually in March. Further details, including test date and test centres, are available from <http://msap-ie.acer.edu.au>.

The test is designed to assess a range of competencies considered important for success in higher education studies. The purpose of the test is to assess ability to understand and analyse material, to think critically about issues and to organise and express thoughts in a logical and effective way.

Admission to LM103 Paramedic Studies
 Mature applicants to LM103 Paramedic Studies are assessed for places by means of a written assessment test and subsequent interview. To be eligible for interview, candidates must hold a Clean Driving Licence (Full B and minimum Provisional C1)

Admission to all other courses
 Each mature applicant is considered on an individual basis. Applicants are expected to provide details on the CAO form of their highest qualification to date, current studies, post-secondary education, second level education, non-certificate courses, employment or voluntary work, English language proficiency (if applicable), references, statement of interest and hobbies/interests. See www.ul.ie/academic-registry for full details on the supporting documentation required for different courses.

All applicants must also provide a tailored personal statement for each course of study being applied for. The detail provided in the personal statement is an important part of the assessment process as it allows the applicant to outline:

- Reasons for wishing to undertake this particular degree
 - Course's potential contribution to future career or life plans
- Academic Registry or online at www.ul.ie/academic-registry/prospective-students/pathways-ul

- Highlight relevant experiences or skills gained through employment, voluntary work, or personal interests which have prepared you to undertake this degree course
- Knowledge and understanding of the career area in which you are interested
- Preparation made for undertaking this degree course

Mature Student Access Certificate

The Mature Student Access Certificate is a one year pre-degree course designed for prospective mature students who feel that they need a foundation level of study before commencing a degree course. The course prepares students for third-level education by facilitating the development of key learning and academic skills through subjects such as Study Skills, Computer Skills, Educational Guidance, Maths and a choice of Engineering, Science or Humanities. On successful completion of the course students can progress directly onto a range of designated degree courses in UL. Applicants must be at least 22 years of age by 1st January of the year of registration for this course. Contact the Mature Student Office for further details.

Supports for Mature Students

A number of supports are available to mature students through the Mature Student Office. Further information is available in the Mature Student Guide. For copies of the guide and further information please contact the Mature Student Office:

Telephone 061 202735

Email mso@ul.ie or www.ul.ie/mso

6d. Further Education Pathways

Minimum Entry Requirements

Certain QQI FET Level 5 Awards are acceptable in fulfilling the entry requirements for a number of courses of study. In all circumstances candidates must present the full award with a minimum credit value of 120 which must include a distinction in at least 5 component awards. In addition to satisfying the minimum entry requirements, candidates must also satisfy the specific component award requirements. Further details are in the publication "Entry Requirements: QQI FET Level 5 Awards (NFQ Level 5 Major Award)" that is available from

Courses with QQI FET Level 5 Awards (NFQ Level 5 Major Award) Entry Pathways

The following courses have pathways for applicants presenting QQI FET Level 5 Awards major awards:

Faculty of Arts, Humanities and Social Sciences

- LM002 Arts
- LM019 Social Sciences
- LM038 Psychology and Sociology
- LM039 Journalism and Digital Communication
- LM040 European Studies
- LM044 Applied Languages
- LM028 Criminal Justice
- LM029 Law Plus
- LM026 Performing Arts

Kemmy Business School

- LM050 Business Studies

Faculty of Education and Health Sciences

- LM102 Psychology
- LM150 Nursing (General)
- LM152 Nursing (Mental Health)
- LM154 Nursing (Intellectual Disability)
- LM156 Midwifery
- LM091 Languages and Concurrent Teacher Education
- LM092 Bachelor of Science with concurrent Teacher Education (Biology and Chemistry OR Physics OR Agricultural Science)
- LM094 Materials and Architectural Technology with concurrent Teacher Education
- LM095 Materials and Engineering Technology with concurrent Teacher Education
- LM096 Bachelor of Science with concurrent Teacher Education (Physical Sciences with Chemistry AND Physics)

Faculty of Science and Engineering

- LM058 BSc Financial Mathematics
- LM063 BSc Technology Management
- LM077 Bachelor of Engineering Aeronautical Engineering

- LM082 Bachelor of Science Construction Management & Engineering
- LM093 Bachelor of Science Equine Science
- LM115 Bachelor of Engineering Chemical & Biochemical Engineering
- LM116 Bachelor of Engineering (Common Entry)
- LM118 Bachelor of Engineering Electronic & Computer Engineering
- LM121 Bachelor of Science Computer Science (Common Entry)
- LM122 Bachelor of Science Creative Media & Interaction Design (Common Entry)
- LM123 Bachelor of Science Biological & Chemical Science (Common Entry)
- LM124 Bachelor of Science Mathematics (Common Entry)
- LM125 Bachelor of Science Physics (Common Entry)
- LM180 Certificate /Diploma Equine Science

Competitive Entry

Due to the number and calibre of applicants, qualified candidates to all undergraduate degree courses who satisfy the minimum entry requirements outlined above, are placed in order of merit based on a points system. The system operates as follows:

This scoring process only applies where all the requirements for the major award are met i.e. when the specified component awards have been achieved to a minimum of 120 credits. Each component is given a score based on the credit value of the component and the weighting of the grade achieved.

Grade	Score
Distinction	3
Merit	2
Pass	1

For further detail on the scoring scheme with examples, go to www.cao.ie under the section for QQI FET/FETAC Information.

6e. Transfer Students

Minimum Entry Requirements

An applicant wishing to transfer from another third level institution may apply for entry to any of the University's courses where:

- (a) The applicant already holds a QQI HET Higher Certificate (NFQ Level 6 Major Award) or a QQI HET Bachelor (Ordinary Degree) (NFQ Level 7 Major Award) with Merit or Distinction, or equivalent. Such candidates will be considered for entry to year two and year three, respectively, on to an appropriate Bachelor (Honours) degree course with established transfer pathways.
- (b) The applicant is currently studying or has completed at least 60 credits or a Bachelor (Honours) (Level 8) awarded by an Irish University or Quality and Qualifications Ireland (QQI) or equivalent is considered on the following basis;

- Students must meet the course entry subject requirements (from Leaving Certificate or equivalent subjects from their third-level course) or the requirements of entry through an equivalent pathway, e.g., mature student or QQI FET Award.
- Students who do not have an award from another HEI must have achieved the minimum CAO cut-off points on the year they entered the HEI (including random selection and any HEAR and DARE points reduction, where applicable) or must have met the requirements of entry through an equivalent pathway, e.g., mature student or QQI FET Award, on the year they entered the HEI. (Students who do not have the CAO points but have completed at least 60 credits and attained an average of at least 50% (honours 2.2 level) with no deficient grades in their current course of study meet this eligibility requirement).

- Students must have completed substantially equivalent learning in terms of learning outcomes to progress into at least Year 2 of the alternative course. (Students who do not meet the equivalent learning outcomes requirement may be considered for a conditional offer into the alternative course, subject to satisfactory performance in a number of link-in modules. A student's entry into the alternative course will be deferred until they have satisfactorily completed the specified link-in modules.)

• Where the number of applicants exceeds the number of places available, applicants will be ranked primarily on the level of their academic qualification(s) and academic performance. Students who do not have an award from another HEI may be considered on the basis of CAO points or equivalent pathway (e.g., mature student or QQI FET Award) entry requirements.

Selection and Assessment

Each transfer applicant is considered on an individual basis based on the content of their previous higher education studies and its sufficiency to merit exemption to the first and second year of the course to which they are seeking admission. In some cases an interview may be part of the selection process.

Summary of UL Courses - 2022 Entry

Faculty of Arts, Humanities & Social Sciences

Code	Course Name	English	2nd Language	Maths	Science	Other
LM002	BA Arts	O6/H7	O6/H7 or H4 for language options see overleaf	F6/O6/H7	—	QQI Pathway
LM019	BSc Social Sciences	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway
LM020	BA Law and Accounting	O6/H7	O6/H7	O4/H7	—	—
LM028	BA Criminal Justice	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway
LM029	LLB Law Plus	O6/H7	O6/H7 or H4 for language options see overleaf	F6/O6/H7	—	QQI Pathway
LM038	BA Psychology and Sociology	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway
LM039	BA Journalism and Digital Communication	H4	O6/H7 or H3 for language options see overleaf	F6/O6/H7	—	QQI Pathway
LM040	BA European Studies	O6/H7	H3 (except English)	F6/O6/H7	—	QQI Pathway
LM044	BA Applied Languages	O6/H7	H3 French, Gaeilge, German, Spanish, Japanese	F6/O6/H7	—	QQI Pathway
LM091	B.Ed. Languages	O6/H7	H3 French, Gaeilge, German, Spanish, Japanese	F6/O6/H7	—	Student Vetting QQI Pathway Fitness to Practice

Faculty of Education & Health Sciences

Code	Course Name	English	2nd Language	Maths	Science	Other
LM038	BA Psychology and Sociology	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway
LM089	BSc Sport and Exercise Sciences	O6/H7	O6/H7	F6/O6/H7	O3/H7	Student Vetting/ Fitness to Practise
LM090	BSc Physical Education	O6/H7	O6/H7	F6/O6/H7	—	Student Vetting/ Fitness to Practise
LM091	B.Ed. Languages	O6/H7	H3 French, Irish, German, Spanish, Japanese	F6/O6/H7	—	QQI Pathway/ Student Vetting Fitness to Practice
LM092	BSc Science with concurrent Teacher Education (Biology with Chemistry or Physics or Agricultural Science)	O6/H7	O6/H7	O3/H7	O4/H7	Student Vetting/ Fitness to Practise / QQI Pathway
LM094	BTech Materials and Architectural Technology	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway/ Fitness to Practise / Student Vetting
LM095	BTech Materials and Engineering Technology	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway/ Fitness to Practise / Student Vetting
LM096	BSc Science with concurrent Teacher Education (Physical Sciences with Chemistry and Physics)	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway/ Fitness to Practise / Student Vetting
LM097	BSc. (Ed) in Mathematics and Computer Science	O6/H7	O6/H7	H4	—	Fitness to Practise / Student Vetting
LM100	BSc Physiotherapy	O6/H7	O6/H7	F6/O6/H7	O3/H7	Fitness to Practise / Student Vetting
LM101	BM BS Bachelor of Medicine, Bachelor of Surgery (Graduate Entry)	Minimum 2.1 (Second Class Honours Grade One) in First Honours Bachelor Degree (NFQ Level 8) or equivalent + GAMSAT (Graduate Medical Schools Admissions Test)			Fitness to Practise / Student Vetting	
LM102	BSc Psychology	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway
LM103	BSc Paramedic Studies	O6/H7	O6/H7	O6/H7	O6/H7	Fitness to Practise Student Vetting Clean Driving Licence required (Full B and minimum Provisional C1) Students must present full C1 driving licence by the end of year 1.
LM105	BSc Exercise and Health Fitness Management	O6/H7	O6/H7	O6/H7	—	—
LM150	BSc Nursing (General)	O6/H7	O6/H7	O6/H7	O6/H7	QQI Pathway/ Fitness to Practise / Student Vetting

LM152	BSc Nursing (Mental Health)	O6/H7	O6/H7	O6/H7	O6/H7	QQI Pathway/ Fitness to Practise / Student Vetting
LM154	BSc Nursing (Intellectual Disability)	O6/H7	O6/H7	O6/H7	O6/H7	QQI Pathway/ Fitness to Practise / Student Vetting
LM156	BSc Midwifery	O6/H7	O6/H7	O6/H7	O6/H7	QQI Pathway/ Fitness to Practise / Student Vetting

Irish World Academy of Music and Dance

Code	Course Name	English	2nd Language	Maths	Science	Other
LM026	BA Performing Arts	O6/H7	O6/H7	F6/O6/H7	—	Audition and Student Vetting / QQI Pathway

Kemmy Business School

Code	Course Name	English	2nd Language	Maths	Science	Other
LM020	BA Law and Accounting	O6/H7	O6/H7	O4/H7	—	—
LM050	BBS Business Studies (including Business Studies with French/German/Japanese/Spanish)	O6/H7	O6/H7 or H4 for language options see overleaf	O4/H7	—	QQI Pathway
LM056	BA International Business	O6/H7	O6/H7 or H4 for language options see overleaf	O4/H7	—	—
LM063	BSc Technology Management	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway

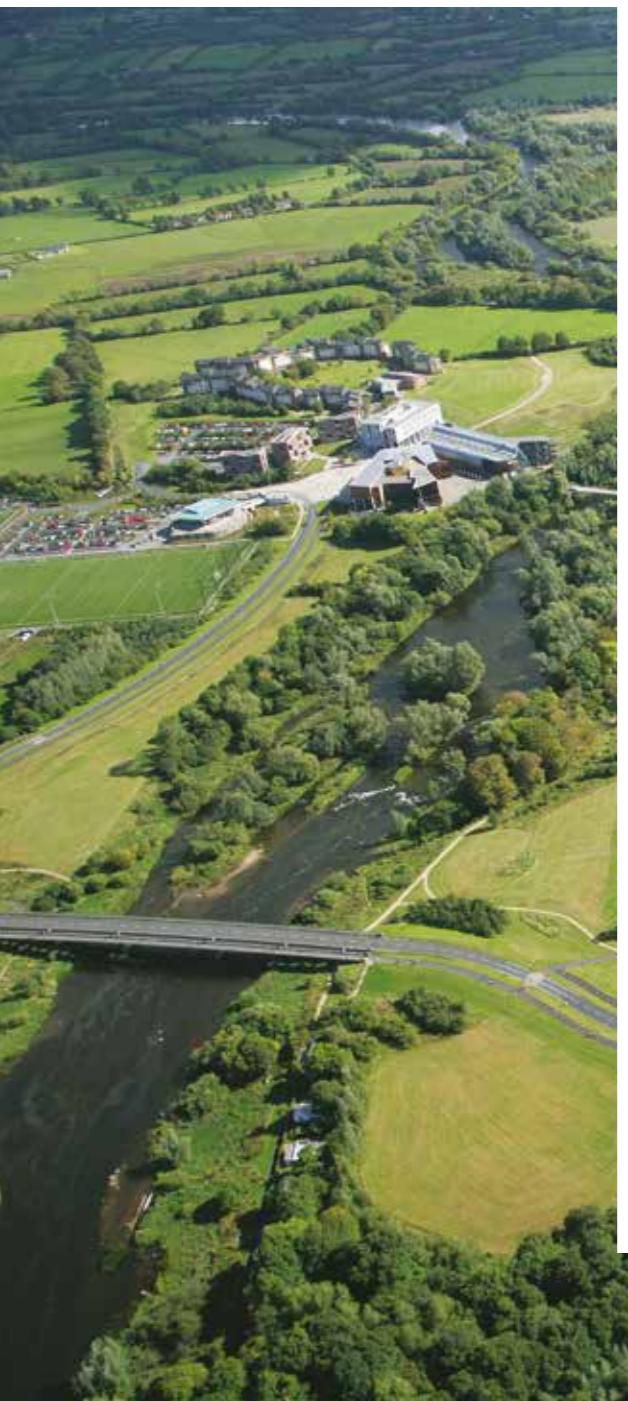
Faculty of Science & Engineering

Code	Course Name	English	2nd Language	Maths	Science	Other
LM058	BSc Financial Mathematics	O6/H7	O6/H7	H3	—	QQI Pathway
LM063	BSc Technology Management	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway
LM066	BSc Environmental Science	O6/H7	O6/H7	O3/H7	H4	—
LM068	BSc Food Science and Health	O6/H7	O6/H7	O3/H7	H4	—
LM076	BSc Product Design and Technology	O6/H7	O6/H7	O3/H7	O4/H7	Portfolio required
LM077	BE Aeronautical Engineering	O6/H7	O6/H7	H4	O6/H7	QQI Pathway
LM082	BSc Construction Management and Engineering	O6/H7	O6/H7	O3/H7	O4/H7	QQI Pathway
LM093	BSc Equine Science	O6/H7	O6/H7	F6/O6/H7	H4	QQI Pathway
LM097	BSc. (Ed) in Mathematics and Computer Science	O6/H7	O6/H7	H4	—	Student Vetting
LM099	B Arch Architecture	O6/H7	O6/H7	F6/O6/H7	—	Portfolio required
LM115	BE Chemical and Biochemical Engineering	O6/H7	O6/H7	H4	O6/H7	QQI Pathway
LM116	BE Engineering (Biomedical or Civil or Design & Manufacture or Mechanical)	O6/H7	O6/H7	H4	O6/H7	QQI Pathway
LM118	BE Electronic and Computer Engineering	O6/H7	O6/H7	H4	O6/H7	QQI Pathway
LM121	BSc Computer Science (Computer Systems or Computer Games Development or Cyber Security & IT Forensics)	O6/H7	O6/H7	O2/H6	—	QQI Pathway
LM122	BSc Creative Media and Interaction Design (Digital Media Design or Music, Media & Performance Technology)	O6/H7	O6/H7	O3/H7	—	QQI Pathway
LM123	BSc Biological and Chemical Sciences (Bioscience or Environmental Science or Industrial Biochemistry or Pharmaceutical & Industrial Chemistry or Biomedical Science)	O6/H7	O6/H7	O3/H7	H4	QQI Pathway
LM124	BSc Mathematics (Mathematical Sciences or Mathematics & Physics or Economics & Mathematics)	O6/H7	O6/H7	H3	—	QQI Pathway
LM125	BSc Physics (Applied Physics or Mathematics & Physics)	O6/H7	O6/H7	H4	H4	QQI Pathway
LM173	Immersive Software Engineering (new for 2022 entry)	O6/H7	O6/H7	H4	—	Portfolio required
LM174	Artificial Intelligence and Machine Learning (new for 2022 entry)	O6/H7	O6/H7	H3	—	—
LM180	Certificate in Equine Science	O6/H7	O6/H7	F6/O6/H7	—	QQI Pathway

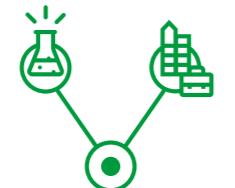
H = Higher Level, O = Ordinary Level, F = Foundation Level

Language Options

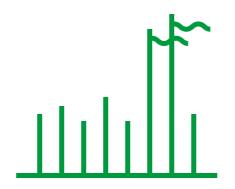
Code	Course Name	Note: Students wishing to take a language option must have
LM002	BA Arts	H4 in that language with the exception of beginners Spanish or beginners German where a H4 in a language other than English is required.
LM029	LL B Law Plus	H4 in that language with the exception of Japanese or beginners Spanish where a H4 in a language other than English is required.
LM039	BA Journalism and Digital Communication	H3 in French or German or Gaeilge or Spanish
LM050	BBS Business Studies (including Business Studies with French/German/Japanese/Spanish)	H4 in that language with the exception of Japanese or beginners Spanish where a H4 in a language other than English is required.
LM056	BA International Business	H4 in that language with the exception of Japanese or beginners Spanish where a H4 in a language other than English is required.



**Exceptional on-campus
village accommodation**



**Largest work placement
programme of any
university in Ireland**



**Graduate employment rates
that are consistently higher
than the national average**



**One of the top 3
universities in Europe
for career preparation**



**Ireland's sporting
campus**

Science Subject Requirement Table

Code	Course Name	Agricultural Science	Applied Maths	Biology	Chemistry	Computer Science	Construction Studies	Engineering	Physical Education	Physics	Physics with Chemistry	Technology	Technical Drawing / Design & Communication Graphics
LM063	Technology Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM066	Environmental Science	✓	✓	✓	✓					✓	✓		
LM068	Food Science and Health	✓	✓	✓	✓					✓	✓		
LM076	Product Design and Technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM077	Aeronautical Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM082	Construction Management and Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM089	Sports and Exercise Sciences	✓	✓	✓	✓					✓	✓	✓	
LM092	Science with Concurrent Teacher Education (Biology with Physics or Chemistry or Agricultural Science)	✓		✓	✓					✓	✓		
LM093	Equine Science	✓	✓	✓	✓					✓	✓		
LM094	Materials and Architectural Technology with Concurrent Teacher Education	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM095	Materials and Engineering Technology with Concurrent Teacher Education	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM096	Science with Concurrent Teacher Education (Physical Sciences with Chemistry and Physics)	✓		✓	✓					✓	✓		
LM100	Physiotherapy	✓		✓	✓					✓	✓	✓	
LM103	Paramedic Studies	✓		✓	✓					✓	✓		
LM115	Chemical and Biochemical Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM116	Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM118	Electronic and Computer Engineering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LM123	Biological & Chemical Sciences	✓	✓	✓	✓					✓	✓		
LM125	Physics		✓		✓				✓	✓	✓		
LM150	General Nursing	✓		✓	✓					✓	✓		
LM152	Mental Health Nursing	✓		✓	✓					✓	✓		
LM154	Intellectual Disability Nursing	✓		✓	✓					✓	✓		
LM156	Midwifery	✓		✓	✓					✓	✓		

Faculty of Arts, Humanities & Social Sciences

Dáin, Daonnachtáí agus Eolaíochtaí
Sóisialta



If your talents and interests lie in subjects such as languages, history, sociology, cultural studies, music, politics or law, this faculty is an excellent choice. It is renowned for the quality of its teaching and its commitment to research.

Law for a Day

The School of Law at UL has created this opportunity for post-primary students considering a Law degree, to experience a day as a law student. This event is free and includes sample law lectures, a moot court experience, a chance to talk to current Law students and a campus tour.

Law for a Day has helped a number of prospective students with their decision to study Law at UL and we welcome them back each year as First Year Law students.

To find out more, go to www.ul.ie/law



LM002 Bachelor of Arts

NFQ Level 8 major Award Honours Bachelor Degree
Baitsiléir Ealaíon

Course Info	
CAO Points 2020: 348	
Course Length: 4 Years	
Average Intake: 400	
Course Director: Dr Chris McInerney	
Enquiries	
Email: arts@ul.ie	
Tel: 00 353 61 213578	
www.ul.ie/admissions-askus	

Entry Requirements	
Min requirements:	2 H5 & 4 O6/H7
English:	O6/H7
2nd language:	O6/H7 or H4 for language
Maths:	F6/O6/H7
Other:	—
Additional info:	<ul style="list-style-type: none"> • Mature Pathways • QQI Pathways <p>Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation mathematics is not reckonable for scoring purposes.</p> <p>Note: In addition, students wishing to study a language must hold a minimum H4 grade in that language, with the exception of beginners German or beginners Spanish where a H4 grade in a language other than English is required. Specialist requirement in Mathematics for those studying Economics or Mathematics.</p> <p>Note: For certain subjects, additional special qualifications specific to individual subjects or disciplines may be determined by the respective departments in accordance with Academic Council regulations.</p>

Why study a Bachelor of Arts at UL?

At the University of Limerick, we deliver an Arts Degree which is flexible and wide-ranging, offering 16 subjects in all. You can study a combination of subjects (as Single Honours or Joint Honours) from across the Faculty of Arts, Humanities & Social Sciences: from familiar arts subjects such as English, French, German, or History, to newer subjects such as, Digital Culture and Communications or Linguistics with TESOL (Teaching English to Speakers of Other Languages). The UL curriculum is unique as it includes cooperative education/work experience and a study abroad placement as compulsory elements of the degree. Students will spend one semester undertaking cooperative education/work experience and one semester studying abroad. You may want to study Arts at UL because:

- You want to choose from a wide range of subjects at an institution where you can benefit from real-world work experience and can live and study in another country;
- You wish to communicate your own ideas effectively and persuasively;
- You want to engage critically and analytically with the world around you;
- You want to develop skills that will enhance your career and, in the broadest sense, your contribution to society.



Graduate Profile

Nicole Meagher

I was very indecisive for a long time about where I wanted to go to college and what I wanted to study. After countless times of changing my CAO, I eventually decided that an Arts degree is what I wanted. I am fully confident that I made the right choice – UL's BA allows you to build your own degree. With 16 subjects and 133 possible combinations, there's something for everyone.

The course is extremely broad and allows me to study four different subjects of my own choosing. The college provided plenty of information about each subject they offered, it was hard to only pick four! French was my favourite subject in school and so I really wanted to keep it on in third level and improve my fluency. I'm combining the language with Psychology, Sociology and Politics.

Arts at UL drew my attention as it gives me the opportunity to go abroad. With Co-Op work experience, and Erasmus in third year, I could not turn down the chance to both work and study in different countries. As a language student, travelling abroad is essential for me to improve my fluency and immerse myself in another culture, and this course provides me with exactly that.

Year 1

In the first year, you select a total of four subjects from the groups (1-10) below, ensuring that no two are in the same group. When choosing your year 1 subjects, it is essential to have at least two subjects from the different year 2 subject groups bearing in mind that places in Psychology are limited from year 2.

Group 1	Group 2	Group 3	Group 4	Group 5
<ul style="list-style-type: none"> • Psychology; or • German; or • Geography 	<ul style="list-style-type: none"> • English 	<ul style="list-style-type: none"> • Digital Culture and Communications 	<ul style="list-style-type: none"> • Gaeilge; or • Economics 	<ul style="list-style-type: none"> • French
Group 6	Group 7	Group 8	Group 9	Group 10
<ul style="list-style-type: none"> • Linguistics with TESOL[†]; or • Mathematics 	<ul style="list-style-type: none"> • Sociology 	<ul style="list-style-type: none"> • Politics and International Relations 	<ul style="list-style-type: none"> • Public Administration and Leadership; or • Spanish 	<ul style="list-style-type: none"> • History; or • Music and Dance

German and Spanish are available at both beginners and post leaving certificate level.
French is available at post leaving certificate level only.

Year 2

During Spring Semester of year one, you will select two subjects to continue with and specialise in to degree level (years 2-4). Note – A limited number of subjects are available as Single Honours – this is where you will study one subject for the remainder of the degree. See the end of the table for subjects available as Single Honours. The table below displays the groups from years 2-4. Your selection is based on your year 1 subjects and you cannot choose two subjects from the same group. The table at the end of this section illustrates all the combinations available to degree level.

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
<ul style="list-style-type: none"> • Psychology[~]; or • German; or • Geography 	<ul style="list-style-type: none"> • Politics and International Relations[~]; or • English 	<ul style="list-style-type: none"> • Digital Culture and Communications; or • Gaeilge; or • Economics 	<ul style="list-style-type: none"> • Public Administration and Leadership[~]; or • Spanish 	<ul style="list-style-type: none"> • Sociology[~]; or • Linguistics with TESOL[†]; or • Mathematics 	<ul style="list-style-type: none"> • History[~]; or • French; or • Music and Dance

[~] Subject available as Single Honours from year 2 to degree level.

[†] Places on Psychology are limited after year 1

^t Teaching English to Speakers of Other Languages.

Broadening and Skills Modules

Throughout this degree, you will take Broadening and Skills modules. Broadening modules allow students to study topics from outside of their subject choices. Skills modules will be provided to give students the skills required for academic study in University.

LM002 Online

The student experience



Want to know more? Go to:
<https://www.ul.ie/courses/bachelor-arts>

Off-Campus programme

In semesters 4 and 5 (year 2 Spring and year 3 Autumn) you will participate in an off-campus programme. Semester 4 is dedicated to a period of cooperative education/work experience in a sector related to your field of study. Semester 5 is spent on study abroad in one of our many partner institutions across Europe, the Americas, and Australasia. UL's dedicated Coop and Careers Office will help you find the work placement that best suits your course of study and your aspirations, while our International Education Office will find you a place at one of our partner institutions most suited to your course of study in a part of the world that appeals to your intellectual and cultural curiosity.

Final Year Project

In your final year, you will complete a Final Year Project in the subject(s) of your choosing. This is a unique opportunity to complete an extended piece of research and analysis in your chosen topic, designed with guidance and direction from an academic supervisor in your chosen subject. The Final Year Research Dissertation will develop your research and analytical skills with a view to employment or further study.

Read what our Students have to say on our Student Blog!

<https://ahss.blog/students/>

LM019 Bachelor of Science in Social Sciences

NFQ Level 8 major Award Honours Bachelor Degree
Baitsilír Ealaón i nDlí & Cuntasáiocht

Course Info

CAO Points: New programme for 2021

Course Length: 4 Years

Course Director: Prof. Ross Macmillan

Enquiries

Email: arts@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation mathematics is not reckonable for scoring purposes.

Note: For certain subjects, additional special qualifications specific to individual subjects or disciplines may be determined by the respective departments in accordance with Academic Council regulations.

About You

You are interested in people and societies, how they have been shaped by ideas, places, events and the world around them.

You would like to develop key academic skills in analysing, understanding and considering social data and processes.

You are interested in applying the knowledge gained in the pursuit of a social science degree to gain a better and critical understanding of communities and the societies in which they live.

Why study Social Sciences at UL?

With world-class experts, UL is at the centre of social science research in Ireland. The Bachelor of Science in Social Sciences is designed to bring students and scholars together, with an advanced curriculum designed to integrate teaching with the latest research. The Bachelor of Science in Social Sciences offers an excellent opportunity to study an interdisciplinary degree. At the end of the programme students will also have the option to undertake individual research in the social sciences, under the supervision of a discipline expert.

Students will also be presented with the opportunity to learn in a work environment during their Cooperative Education Placement and study abroad at a partner institution overseas as part of UL's award winning Erasmus and Exchange programme. Each of these off campus experiences provide excellent opportunities for growth and valuable opportunities for practical workplace-based skill building as well as exposure to new intercultural and social environments.

What you will study

The BSc. Social Sciences exposes students to a variety of disciplines relevant to the human condition which increase knowledge, understanding, and critical evaluation of society and humanity.

Students will be introduced to a range of social science perspectives and methods across their chosen subject areas.

First year

Students choose four subjects from the nine disciplines below, and study one module per subject in each semester. A fifth module provides students with the skills for advanced study and life at the University.

Choose four of the subjects below to study in 1st year:

- Digital Culture and Communications
- Economics
- Geography[^]
- History
- Linguistics with TESOL (Teaching English to Speakers of Other Languages)
- Politics and International Relations
- Psychology^{**}
- Public Administration & Leadership
- Sociology

[^]Note that it is not possible to take Geography and Psychology together but all other subject combinations are possible in 1st year.

^{**}Note that places on psychology are limited after year 1.

LM019 Online

Want to know more? Go to:
www.ul.ie/courses/LM019.html

Second year onwards

Students choose a single major subject (from which they take two modules) and two minor subjects (one module each), amounting to four subject-specific modules. The fifth module in all semesters is a skills or preparatory module for a key element of the programme, including the final-year research project.

Note: There are restrictions on which subjects combinations are available from year 2 onwards. Find more information on possible subject combinations in the table on page 67.

Data Science Core

A key feature of the BSc is a core set of modules that introduces data science. The expansion of information technologies has made the world literally awash with data and increasing number of organisations incorporate data collections and data analytics into their everyday operations. Data science is an interdisciplinary field that uses scientific methods, processes, algorithms, and complex systems to extract knowledge and information from data and then apply insights to a range of human and non-human endeavors. The data science core in LM019 introduces students to conceptual, philosophical, ethical, and practical and managerial issues around data, shows what the key types of data are, how they are collected, and how they reflect core themes and issues in the different social sciences, and provides an introduction to web-scraping techniques for harvesting data in the virtual world. With this core, the programme provides a 21st century approach to the social sciences and provides an entry into one of the fastest growing fields in contemporary society.

Career Opportunities

Studying the social sciences at the University of Limerick provides an opportunity to acquire specific knowledge and understanding of society, tools to analyse key issues such as class, inequality, health, social and urban change, as well as skills in research, critical thinking, analysis, presentation and dissemination, all of which are required for today's world. The BSc. Social Sciences opens up a variety of career pathways and opportunities for further study.

Career opportunities include:

- Social & Youth Work
- Community development
- Social Research
- Public Relations & Communications
- Civil Service
- Teaching
- Development Work
- Marketing, Media & Journalism
- Publishing
- Management

Follow-On Study

Successful completion of the BSc in Social Sciences will allow the student the opportunity to progress to study at Masters level. All disciplines offer a range of programmes for further study, which allow the graduate to delve deeper into their chosen discipline. Examples of follow on study include but are not limited to:

- MA in Sociology (Youth, Community and Social Regeneration)
- MA in Sociology (Applied Social Research)
- Clinical Therapies (Occupational Therapy, Speech and Language Therapy, Physiotherapy)
- Medicine
- Professional Master of Education
- MA in History
- MA in International Relations
- MA in English



A Bachelor of Arts for a wider choice

The Bachelor of Arts degree, LM002, at UL offers you the opportunity to build your own degree. You can choose from 16 subjects different subjects in year 1, with 133 possible combinations to degree level.

You will select LM002 on the CAO and then make subject choices once enrolled in UL.
Your degree, your choice.

Find out more on www.ul.ie/arts

Subject Combinations available on LM002 BA Arts to degree level.

Subject	Digital Culture and Communications	Economics	English	French	Gaeilge	Geography	German	History~	Linguistics with TESOL [†]	Mathematics	Music and Dance	Politics and International Relations~	Psychology^	Public administration and Leadership~	Sociology~	Spanish
Digital Culture and Communications	n/a	‡	✓	✓	‡	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Economics	‡	n/a	✓	✓	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
English	✓	✓	n/a	✓	✓	✓	✓	✓	✓	✓	✓	‡	✓	✓	✓	✓
French	✓	✓	✓	n/a	✓	✓	✓	‡	✓	✓	✓	‡	✓	✓	✓	✓
Gaeilge	‡	n/a	✓	✓	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geography	✓	✓	✓	✓	✓	n/a	n/a	✓	✓	✓	✓	✓	n/a	✓	✓	✓
German	✓	✓	✓	✓	✓	n/a	n/a	✓	✓	✓	✓	✓	n/a	✓	✓	✓
History~	✓	✓	✓	‡	✓	✓	✓	✓	✓	✓	✓	n/a	✓	✓	✓	✓
Linguistics with TESOL [†]	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a	n/a	✓	✓	✓	✓	‡
Mathematics	✓	✓	✓	✓	✓	✓	✓	✓	n/a	n/a	✓	✓	✓	✓	✓	‡
Music and Dance	✓	✓	✓	‡	✓	✓	✓	n/a	✓	n/a	✓	✓	✓	✓	✓	✓
Politics and International Relations~	✓	✓	‡	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Psychology^	✓	✓	✓	✓	✓	n/a	n/a	✓	✓	✓	✓	✓	n/a	✓	✓	✓
Public Administration and Leadership~	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a
Sociology~	✓	✓	✓	✓	✓	✓	✓	✓	✓	‡	‡	✓	✓	✓	✓	✓
Spanish	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	n/a	✓	n/a

† Option available in first year only
n/a Not Available

~ Subject available as Single Honours to degree level
^ Places on Psychology are limited after year 1

† TESOL (Teaching English to Speakers of Other Languages)

Subject combinations available on LM019 BSc. Social Sciences from year 2 onwards.

Minor option → (Choose 2 on the same line as your major)	Digital Culture and Communications	Economics	Geography	History	Linguistics with TESOL	Politics and International Relations	Psychology	Public Administration and Leadership	Sociology
Digital Culture and Communications	N/A	N/A	✓	✓	✓	✓	✓	✓	✓
Economics	N/A	N/A	✓	✓	✓	✓	✓	✓	✓
Geography	✓	✓	N/A	✓	✓	✓	✓	N/A	✓
History	✓	✓	✓	N/A	✓	✓	✓	✓	✓
Linguistics	✓	✓	✓	✓	N/A	✓	✓	✓	N/A
Politics and International Relations	✓	✓	✓	✓	✓	N/A	✓	✓	✓
Psychology*	✓	✓	N/A	✓	✓	✓	N/A	✓	✓
Public Administration and Leadership	✓	✓	✓	✓	✓	✓	✓	N/A	✓
Sociology	✓	✓	✓	✓	N/A	✓	✓	✓	N/A

*Note that places on psychology are limited after year 1.



LM002 / LM019 Digital Culture and Communications

Digital Culture and Communications can be taken as part of the UL Arts Degree as a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Digital Culture and Communications by looking at the table at the beginning of this section.



Graduate Profile

Anna Henderson

A Day in the Life Of..... A Digital Marketing and Web Executive at the Bar of Ireland

When choosing a course, I knew I wanted to go down the communications/social media route as it was something I always had an interest in. English was always been one of my favourite subjects throughout school so this course at UL perfectly combined the two. I wasn't entirely sure what I wanted to do after college and I knew by doing this course I could work in a number of different industries. I've gone from working in the media industry to working in the law industry so the course offers plenty of opportunity.

In my current work place there is no "typical" day which is an aspect I love. My role centres around internal communications in the organisation, updating websites, working on marketing materials and running the social media accounts. The English element of the degree has helped massively with my writing ability for my job. Whether it's blog posts, website copy or social media posts, when you're creating content that is going to be read by a large audience you need to make sure it's interesting, coherent and grammatically correct!

A mandatory element of my course was coop Education where I worked for six months in a media communications agency. I was lucky enough to be employed full-time in the same company after graduating before moving into my current role.

About You

You want to learn more about media and culture, the individual in society, and to be creative in a challenging world. You are bright, perceptive and curious, good at working on your own but also in a team, keen to express and communicate ideas and opinions. You are interested in a wide range of texts – social media, film, video, TV, books, news. You are open to new ideas, and to the power of words and images to inform, influence and convince.

Why study Digital Culture and Communications at UL?

The development of digital and social media has led to profound changes in our cultural practices. Increasingly, our lives are lived through mediated communication, which makes it even more urgent to examine the relationship between culture, media and technology. The pathway in Digital Culture and Communications is designed to address these challenges and to enable graduates to live and work in the digital present and future. Students will undertake modules which enable them to develop media production and media writing and to develop the critical and analytical skills to examine the relationship between communication, technology and culture.

Career Opportunities

Digital Culture and Communications graduates find work in a wide range of careers including:

- Communications and public relations
- eCommerce and ePublishing
- Technical Writing and editing
- Print and electronic media journalism
- Media production
- Media research and analysis
- Advertising and marketing
- Research and teaching at third level
- Development and research in voluntary organisations

Follow-On Study

- MA Technical Communication and E-Learning
- MA in Marketing, Consumption and Society
- MA English
- MA Journalism
- MA in Teaching English to Speakers of Other Languages (TESOL)

LM002 / LM019 Economics

Economics can be taken as part of the UL Arts Degree as a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Economics by looking at the table at the beginning of this section.

About You

Economics will appeal to you if you enjoy keeping up with current affairs and are excited about the challenges of understanding the way economies function. It is an especially suitable choice if you have strong mathematical and analytical skills. It will also appeal to you if you are not yet sure what career you see yourself pursuing in the future, as this subject choice will teach you a range of skills that can be applied to a number of future careers in business, public service, social and economic research, public relations and journalism among others.

Why study Economics at UL?

Many of the managerial decisions taken in modern business organisations and financial institutions require a good understanding of the global economic environment. Studying economics will develop habits of rigorous thought and practice in clear writing. Besides, it includes the application of quantitative tools, learning to use statistics and to read critically. As Economics majors, students acquire the skills to explain why economic phenomena occur and how economies can improve. The study of economics is an excellent way to acquire problem-solving skills and develop a logical, ordered way of looking at world current affairs.

What you will study

The suite of modules offered provides a well-rounded coverage of the economics discipline. This option builds on introductory foundation modules Microeconomics, Macroeconomics, Intermediate Economics and Quantitative Methods for Economics. The modules follow a logical and progressive sequence that emphasises two inter-related components: an international dimension which includes the European Economy, International Economics and Contemporary Issues in the Global Economy; and an applied dimension developed in Applied Economic Analysis, Industrial Economics and Public Finance.

The research and econometric skills of students are developed through mini-projects set for individual modules. As a consequence, students can expect to graduate with strong analytical, theoretical and empirical skills.

Extensive use of quantitative techniques and an emphasis on the importance of analytical thinking instils transferable skills in Economics students that they can use and develop in a wide range of careers. Accordingly, employment prospects for graduates are very good.

Note:

It is desirable that students have a minimum O4/H7 grade in Mathematics to study Economics on LM002.

Career Opportunities

Economics provides an excellent preparation for a range of careers, including areas such as;

- Financial sector (e.g. economist; retail, investment, and corporate & treasury banking; research analyst; securities trader)
- Teaching
- Government departments and agencies (e.g. Dept of Finance, Competition and Consumer Protection Commission, Central Statistics Office, Enterprise Ireland, Industrial Development Authority, Central Bank of Ireland, Economic and Social Research Institute)
- Housing market analysis
- Transportation, energy and telecommunications industries

Follow-On Study

- MA in Business Management
- MA in International Tourism
- MSc in Economic Analysis
- MSc in Financial Services
- MSc in International Management and Global Business
- MSc in Marketing, Consumption & Society



Student Profile

Damian Houlihan

I choose UL because of its high success rate for graduate employability and the quality of the teaching and learning experience. I am currently studying Economics and Politics and International Relations. These subjects combine topics on economies and governments and how they influence decisions at local and international levels which I have a keen interest in. There is a strong relationship between Economics and Politics.

The course is diverse, in that it offers a wide range of subjects to choose from in first year. It has given me an opportunity to experience unique learning in how the world works, how decisions and government policies impact on the economy and on employment.

I am currently on coop in Kerry with an insurance firm. The benefits of the work placement are immense. My role is in the area of new business and risk management. Dealing with the public for new business and assessing risks involved. I work as part of a team and have first-hand experience of teamwork and the value it brings to the workplace. I have further developed skills in time management, organizational skills, problem solving and communication skills, along with the ability to plan, organize and prioritize work. These skills are key for any workplace and are highly transferrable for employment. At the end of the summer I'm excited to travel to the US to undertake a Study Abroad semester at the University of Colorado.

LM002 English

English can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with English by looking at the table at the beginning of this section.

About You

Above all else, you love to read: novels, poetry, non-fiction, drama, magazines. You want to give yourself the opportunity to read great books and to learn more about the English language. You want to engage with the writings that have helped us to understand ourselves and the world that we live in. You want to know more about culture, in the broadest sense. You love film and music, and you want to understand how these art forms relate to fiction, drama, and poetry. You love to write, and you want to express yourself as eloquently and effectively as possible. You are open to new ideas and to the power of words and images to inform, influence, and convince.

Why study English at UL?

The English programme at UL will enable you to develop critical and analytical skills through an appreciation of the English language and its literature, as well as through the study of the social, cultural, and historical contexts in which that literature was produced. You will learn about literary analysis and literary history from the 16th century to the contemporary world. You can choose electives to suit your own interests, in Irish, British, American, and world literatures, and in women's writing.

What you will study

English at UL has four main components that run throughout the four years of the programme:

- Literary analysis and theory, critical practice;
- Historical schools/eras in literature (e.g. Renaissance Literature; Augustan and Romantic Literature; Victorian Texts and Contexts; Literary Modernism and Postmodernism).
- Specialist electives in Irish Literature (e.g. Gothic Literature in Ireland; Irish Literary Revolutions 1880-1930; Irish Literature 1930-1990; Study of a Major Irish Author; Contemporary Irish Literature).
- Specialist electives in Creative Writing and in World Literatures (e.g. American Literature; Specialist electives in Creative Writing and in World Literatures).

Career Opportunities

- Journalist
- Editor
- English Teacher (Professional Master of Education required)
- Communications and public relations
- Media production, media research
- Publishing and Advertising
- Research and teaching at third level
- Development and research in voluntary organisations

Follow-On Study

- MA Creative Writing
- MA English
- MA Comparative Literature & Cultural Studies
- MA Gender, Culture and Society
- MA Journalism
- MA TESOL (Teaching English to Students of Other Languages)
- MA Technical Communication and E-Learning

LM002 French

French can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with French by looking at the table at the beginning of this section.

About You

You have an existing basis in the French language and a curiosity to learn more about the socially diverse and culturally rich French-language world. You are interested in both language learning and in how the effective practice of a language depends on an understanding of the cultures and ideas of those who use it.

Uniquely, you wish to engage with other cultures and a specific international language: French. In doing so, you will experience social media, novels, poetry, non-fiction, ideas and systems of values and thought. You wish to tackle French and Francophone writings that have helped us to understand people and the world that we share.

Why study French at UL?

French is offered in the University of Limerick at advanced level, and our objective for students is the achievement of outstanding linguistic and cultural competence over the course of the degree programme. To this end, all French modules are taught

through the medium of French, using a full range of appropriate resources and technologies. If you are open to new ideas and experiences, and enthusiastic about extending your own linguistic and intellectual boundaries, a degree with French can be a very rewarding choice.

What you will study

You will study diverse topics and texts related to the French and Francophone world. The FR41 module suite, beginning in your first semester, integrates language study with the treatment of a range of subject areas including social media, cinema, politics, modern literature and thought, work and business, and translation. The FR46 module suite, starting in semester three for those who continue with French, focuses on a range of literary and cultural topics designed to deepen your experience and competence in the language.

Note:

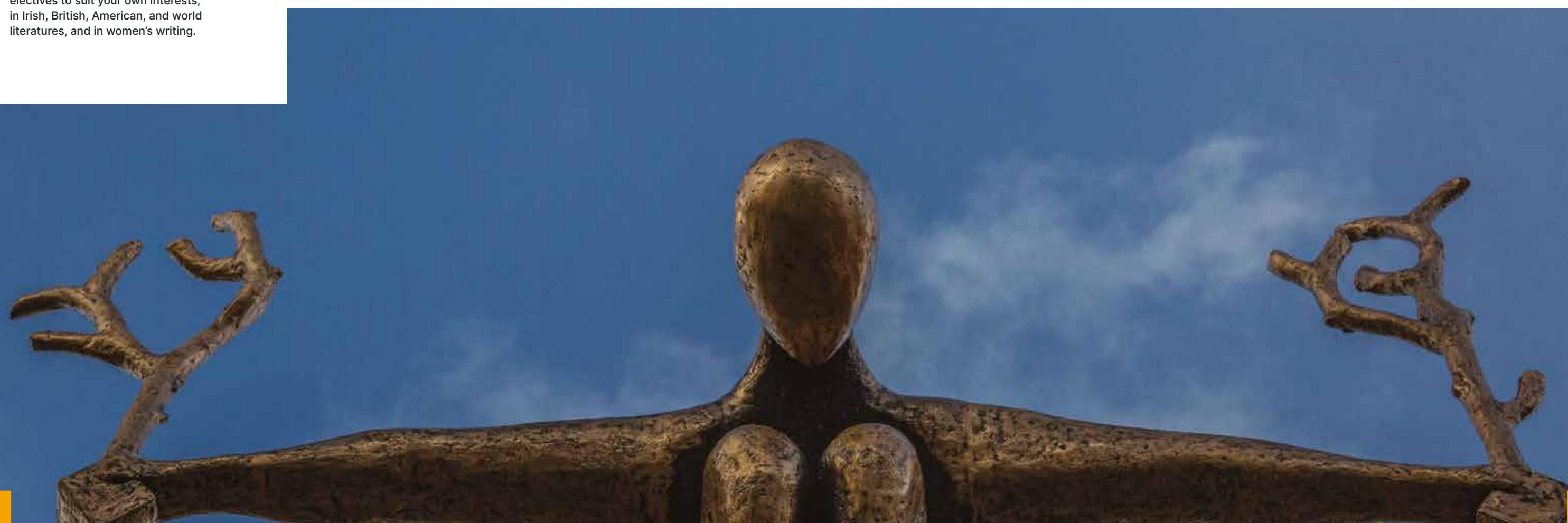
French is available at post-leaving certificate level only. Students require a minimum H4 grade in French to study French.

Career Opportunities

- International Business
- European and Irish public service
- Interpreting and Translating
- Teaching (Professional Master of Education required)
- Tourism
- The media and information industry

Follow-On Study

- MA Comparative Literature and Cultural Studies
- MA French
- MA Applied Linguistics International
- MA Modern Language Studies
- MA TESOL (Teaching English to Speakers of Other Languages)
- Professional Master of Education (Modern Languages)



LM002 Gaeilge

Is féidir an Ghaeilge a dhéanamh mar chomhbáhar sa Chéim sna Dána in Ollscoil Luimnígh. Is féidir féachaint ar na hábhair ar féidir iad a dhéanamh leis an nGaeilge sa léaráid.

Mar gheall ortsa

Is duine tú ar breá leat an Ghaeilge agus a bhfuil suim mhór agat sa chultúr Gaelach. Tá fonn mór ort forbairt a dhéanamh ar do chumas teanga sa Ghaeilge agus ba mhaithe leat go mbeadh an Ghaeilge mar dhlúthchuid de do shaol pearsanta, cultúrtha agus sóisialta feasta. Is maith leat cúrsaí líitheoireacha agus/nó tá suim mhór agat sa chultúr béal, sa bhéaloideas agus san amhránaíocht, agus tá an-spéis agat i gcás na Gaeilge sa tsochaí chomhaimseartha. Aithníonn tú an tábhacht thar meon a bhaineann le hoidhreachta Gaeilge i stair na tíre seo agus i sochaí an lae inniu agus is mian leat tuiscint níos fearr a fháil ar an oidhreacht sin agus ar an gcomhthéacs sóisialta agus cultúrtha lena mbaineann sí. Tá meon oscailte agat, tá tú sásta tabhairt faoi smaointe nua, agus tá tú ag trúth leis an spreagadh intleachtíul a thabharfaidh teanga, cultúr agus litríocht na Gaeilge duit agus leis tuiscintí nua a bheidh agat ar an gcultúr agus ar an saol dá bharr.

Nóta:

Is gá H3, ar a laghad, a bheith agat san Ardeist, nó cáilíocht atá ar comhchéim leis sin, chun an Ghaeilge a bheith agat mar ábhar céime in Ollscoil Luimnígh.

Cad chuire staidéar a dhéanamh ar an nGaeilge in Ollscoil Luimnígh?

Is féidir staidéar a dhéanamh ar an nGaeilge mar chuid de réimse leathan cúrsaí in Ollscoil Luimnígh ar a n-áirítear Céim sa Dlí Móide, Céim sna Teangacha Feidhmeacha, Céim sa Léann Eorpach, an Céim san Taibhealaíona (Ceol agus Damhsa), Céim B. Oid. sna Teangacha, Céim sa Chorpoideachas, agus Céim sna Dána. Oibríonn foireann Léann na

Gaeilge go dian dícheallach ar son na mac léinn agus bímid ann chun tacú libh ar bhóthar na foghlama. Mar gheall ar speisialtóireachtaí na firne, gheobhaidh tú cursa ar leith sa Ghaeilge a bheidh nascaithe le disciplíní móra idirnáisiúnta ar ar a n-áirítear léann na litriochta, an antraipeolaíocht agus an béaloideas, stair na Gaeilge, an ainmeolaíocht, agus a shuíonn Léann na Gaeilge laistigh de ghluaiseachtaí smaointeoireachta idirnáisiúnta an léinn. Beidh tú ag plé le foireann a thugann faoin míneadh le fonn agus le fuinneamh, a thabharfaidh idir spreagadh agus thacaíocht duit, agus a chuirfidh na fáiltí geala romhat go Ollscoil Luimnígh.

Cad a bheidh faoi staidéar agam?

Mar chuid de do chúrsa Gaeilge, déanfaidh tú staidéar ar ghrámadach agus ar chruiinneas na Gaeilge (idir scríobh agus labhairt), agus déanfaidh tú staidéar ar an teanga, ar an litriocht, ar an gcultúr béal, agus ar stair agus oidhreachta na hÉireann trína bhforbrófar do scileanna machnaimh, anailíse, agus áitimh. Freastlóidh tú ar ranganna teagaísc a dhíríonn go speisialta ar chúrsaí teanga, ar an ngramadach, ar labhairt na Gaeilge agus ar an aistriúchán; freastalóidh tú ar léachtaí a bhainfidh le réimse leathan ábhar laistigh de Léann na Gaeilge, mar shampla, dírbheathaisnéis na Gaeilge, traidsiún na scéalaíochta, na scéalta gaisce, na seanscéalta iontais, an caoineadh, Nualtríocht na Gaeilge idir phróis agus fhiilíocht, stair na litriochta anuas go dtí an 19ú haois, canúint na Gaeilge, an chanúineolaíocht, an tsochtheangeolaíocht.

Deiseanna fostáiochta

Bíonn deiseanna fostáiochta ar fáil do chéimithe Gaeilge Ollscoil Luimnígh i réimsí éagsúla, mar shampla: an mhúinteoireacht, an earnáil oidhreachta agus cultúr, na meáin Ghaeilge agus an iriseoireacht, an earnáil phoiblí.

Staidéar larchéime

- PME sna Teangacha (Gaeilge)
- MA múinte sa Ghaeilge
- MA taighde sa Ghaeilge
- PhD taighde sa Ghaeilge
- MA Comparative Literature and Cultural Studies



LM002 / LM019 Geography

Geography can be taken as part of the UL Arts Degree as a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Geography by looking at the table at the beginning of this section.

About You

You are interested in critical global, national and local issues and want to make a positive difference in the world. You are keen to develop your understanding of the most pressing concerns in society such as climate change, the environment, migration and inequalities and you want to make a difference. You are eager to learn how to practice geography in the real world through field and laboratory techniques that are highly valued by employers, such as Geographic Information Systems (GIS), and pass you knowledge on to future generations either by informing public policy debates and/or as a secondary school teacher.

Why study Geography at UL?

Selecting Geography as a subject within the BA Arts or BSc PE degree programmes in UL will provide you with fresh insight into the greatest challenges facing our world today. It will guide you in developing a wide range of transferable skills which you can apply to help solve real world problems that will reward you personally and professionally. You will have options to specialise in a variety of key topics that will offer varied employment prospects, geographers being among the most employable university graduates. Geography also has a natural symbiosis with many of the other subject offerings on the UL BA Arts Degree making it the perfect partner subject choice.

What will you study

Geography at UL consists of modules in both human and physical geography. In your first year you will begin by exploring the key concepts and processes in Geography before progressing to more advanced study of Landscapes and Environment, Landscape Evolution, Environmental Issues, Biogeography, Sustainability, Population, Development, Cultural and Historical Geography, and methods for practicing geographical research. The modules are taught through a mix of lectures, tutorials, labs and fieldwork each of which will help you develop the skills necessary to think critically about how and why our physical world shapes human interactions, and vice versa. In your second and third years you will also have the opportunity to work outside of UL on the co-operative education placement programme and study Geography abroad at one of our partner institutions. In your final year, you will have the freedom to devise and carry out your own piece of research, either as an individual or in a small group, on a variety of specialist topics.

Career Opportunities

Geography graduates find work in a wide range of careers including:

- Urban Planning
- Teaching (Professional Master of Education required)
- Tourism
- Heritage organisations
- Civil service
- Regional and local community development
- Academic research

Follow-On Study

- MA /PhD Research

LM002 German

German can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with German by looking at the table at the beginning of this section.

About You

You are someone who enjoys learning about other cultures and who is interested in languages. You would either like to continue with German because you liked it in school, or you may want to pick it up as a beginner who is happy at last to get a chance to start learning German. Perhaps you are someone who wants to benefit from the excellent job prospects for anyone with a good knowledge of other EU languages and of German in particular. This is becoming even more important now that the UK has left the European Union. You also know that German is one of the major languages of the EU and the most common first language spoken by its citizens!

Why study German at UL?

We have an excellent track-record of helping our students acquire high-level language skills, and a sound knowledge of the culture and society of the German-speaking countries of Europe. This also offers students a window into wider European culture. Students develop great enthusiasm for their subject, not least because of the many opportunities for work placements in top Austrian, German and Swiss companies and the exciting possibilities of studying as an ERASMUS student at one of our many German-speaking partner universities. Our classes are typically taught through the medium of German, using up-to-date teaching methods and the latest educational technologies. You can also take advantage of one-to-one sessions with native speakers, discussion groups, movie evenings, and lectures and readings by visiting authors and academics. Our research expertise in language learning and German Studies (including GDR studies, crime fiction, exile and intercultural studies) feeds directly into our teaching. We have the only Centre for Irish-German Studies in Europe and are active in interdisciplinary research in the Centre for Applied Languages, the Centre for European Studies and the Ralahine Centre for Utopian Studies.

What you will study

You will learn about culture and society (literature, cinema, *Landeskunde* (area studies), history, popular culture, current affairs, language in society etc.) in Austria, Germany and Switzerland. Frequently, award-winning authors and other eminent speakers from these countries visit us and our students get the opportunity to interact with them directly. You will also, of course, be developing your language awareness and your German language skills by working with exciting and topical texts, visual material and online digital resources, and, at an advanced stage, developing your translation and interpreting skills. From the beginning, you will be actively involved in the classes and will find yourself doing research on new topics, often with your fellow students for group presentations, video projects and essays.

Note:

German is available at beginners' and post-Leaving Certificate (advanced) level. Students require a minimum H4 grade in German to study German from advanced level. Students require a minimum H4 grade in a language other than English to study beginners' German.

Career Opportunities

- Teaching (Professional Master of Education required)
- International Business
- European and Irish public service
- Arts and Cultural Institutions
- Translating
- Tourism

Follow-On Study

- Professional Master of Education (Languages)
- MA Comparative Literature and Cultural Studies
- MA German Language and Culture in Europe
- MA Irish-German Studies
- MA International Studies
- MA in Applied Linguistics International
- MA Modern Language Studies
- MA TESOL (Teaching English to Speakers of Other Languages)



LM002 / LM019 History

History can be taken as part of the UL Arts Degree as single honours or a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with History by looking at the table at the beginning of this section.

About You

Above all else, you have a curiosity about and a passion for understanding people, events and ideas in the past, and how societies changed over time; you love to read and engage with historical debates; you are excited about 'discovery' and rise to the challenge of working with original sources and documents. You want to give yourself the opportunity to read path-breaking historical works and to learn more about the writing of history. You want to engage with past events and processes that have helped us to understand ourselves and the world that we live in. You want to know more about culture, in the broadest sense. You have an ability to both narrate and analyse phenomena, and you want to express yourself as eloquently and effectively as possible. You are open to new ideas, and to the power of the past to inform, influence, and convince.

Why study History at UL?

The historians at UL are acknowledged scholars in their fields of research, and are committed to student-centred learning; they offer exciting and innovative modules throughout the four years of study. The history programme at UL will enable you to develop critical and analytical skills through an appreciation of primary sources, historiography and key events and changes, as well as through the study of the social, cultural and historical contexts in which change was produced. You will learn about source analysis, the processes informing history writing from the fifteenth century to the contemporary world. You can choose electives to suit your own interests, in Irish, European, American, and Middle Eastern/Mediterranean history; you can focus on political, social, cultural, urban, and gendered approaches to history.

What you will study

History at UL has a number of key components or themes that run throughout the four years of the programme leading to specialist options in the final year, among these are the following:

- Documentary sources analysis and theory, critical historical practice.
- Historical schools/eras in history-writing/historiography since classical times until the present day.
- General electives in late-medieval European history (Renaissance/Reformation/Counter-Reformation); warfare and diplomacy in seventeenth-century; political history of Irish nationalism/republicanism; the cultural and social history of everyday life in Ireland since the eighteenth-century; America/Irish relations; Europe and the Middle East since the nineteenth-century; historiography.
- Specialist electives on sixteenth-and seventeenth-century Spain; Ireland and America; Holocaust; the cultural history of the city in sixteenth-and seventeenth-century Germany; cultural history of the Weimar Republic.



Career Opportunities

- Professional administration/management
- International/European organisations
- Archivist/Museum curator/Librarian
- Development and research in voluntary organisations/NGOs
- Public service, nationally or locally
- Research and teaching at third level
- Teacher (Professional Master of Education required)

Follow-On Study

- MA History
- MA History of the Family
- MA Local History
- Grad Dip/MA Journalism
- MA in Public History & Cultural Heritage

LM002 / LM019 Linguistics with TESOL

Linguistics with TESOL (Teaching English to Speakers of Other Languages) can be taken as part of the UL Arts Degree as a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Linguistics with TESOL by looking at the table at the beginning of this section.

About You

You are fascinated by all aspects of human language and communication; you are interested in finding out where language comes from and how we acquire it, how language changes over time, how it varies between people and between places, and between different genders and generations. You are keen to explore the role of language in wider society, and to learn how languages work in contact and competition with each other. Studying linguistics with TESOL involves becoming a language expert. This means not just improving your language and communication skills but also learning about languages in the world.

Why study Linguistics with TESOL at UL?

Linguistics and TESOL Section is located in the School of Modern Languages and Applied Linguistics. Faculty are highly research active, and there is a close alignment between research and teaching expertise. Particular features of the Linguistics with TESOL pathway at University of Limerick include:

- Foundation modules in linguistics and sociolinguistics (language in society) in your first year to give you a thorough introduction to the subject.
- Modules on researching language in your second and third years, which will equip you with the tools to carry out research and analysis on a variety of types of language and texts.
- Specialist modules covering topics such as: language and technology; language policy and politics; Irish English; multilingualism; language and globalization; and (media) discourse analysis.
- The option to train in Teaching English to Speakers of Other Languages in a specialized suite of three modules.
- One year off-campus gaining valuable work experience through cooperative education placement and intercultural experience through Erasmus/ Study Abroad in one of our partner universities.

What you will study

Linguistics is the study of language, and language is how we get things done in the world. The focus in UL is on sociolinguistics, which is concerned with the role of language in society. You will start in first year with more general, introductory modules and work your way towards more specialized modules in your final semesters:

- Year 1: Introduction to Linguistics; Introduction to Sociolinguistics.
- Year 2: How to research language (carrying out and designing research studies); Language and Society in Ireland; Language Technology.
- Year 3: How to analyse language data (corpus methods, discourse analysis, ethnographic methods, conversation analysis); TESOL 1 OR optional modules in Language and Culture.
- Year 4: Multilingualism in a Globalizing World; Language Policy, Politics and Power. TESOL 2&3 OR optional modules in Language and Culture.

Career Opportunities

Studying linguistics opens the door to a whole range of careers, as expertise in language and communication is in very high demand across almost all sectors and professions. Here are some examples:

- Teaching English to Speakers of Other Languages
- Speech and Language Therapy (Professional Masters required)
- Forensic linguistics
- Language consultancy (surveys and testing)
- Lexicography (development of dictionaries)
- Linguistic analysis for digital media companies
- Media, journalism and publishing,
- Advertising and PR
- Information Technology Sector
- Research and teaching in further and higher education

Follow-On Study

- MA / Structured PhD in TESOL (Teaching English to Speakers of Other Languages)
- MA Applied Linguistics (International)
- MSc Speech and Language Therapy
- Structured PhD in Applied Languages
- MA Journalism (with Grad Dip option)
- MA Technical Communication and eLearning

LM002 Mathematics

Mathematics can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with Mathematics by looking at the table at the beginning of this section.

About You

Mathematics is an extensive and diverse subject and is a powerful tool with many applications, which are much sought after by a wide range of employers. Studying Mathematics will equip you with the ability to think logically, to construct coherent arguments, to understand abstract ideas and concepts and to solve practical problems.

What you will study

The Mathematics programme on the Bachelor of Arts in UL has been designed with the aim of programme graduates satisfying the Teaching Council requirements. It includes modules in Algebra, Linear Algebra, Probability and Statistics, Geometry and Differential Equations. The modules are taught through lectures, tutorials (small group teaching) and labs.

Note:

It is desirable that students have a minimum H5 grade in Mathematics to study Mathematics on LM002. Students are also required to achieve a satisfactory performance in Mathematics in year 1 to progress with Mathematics from years 2-4.

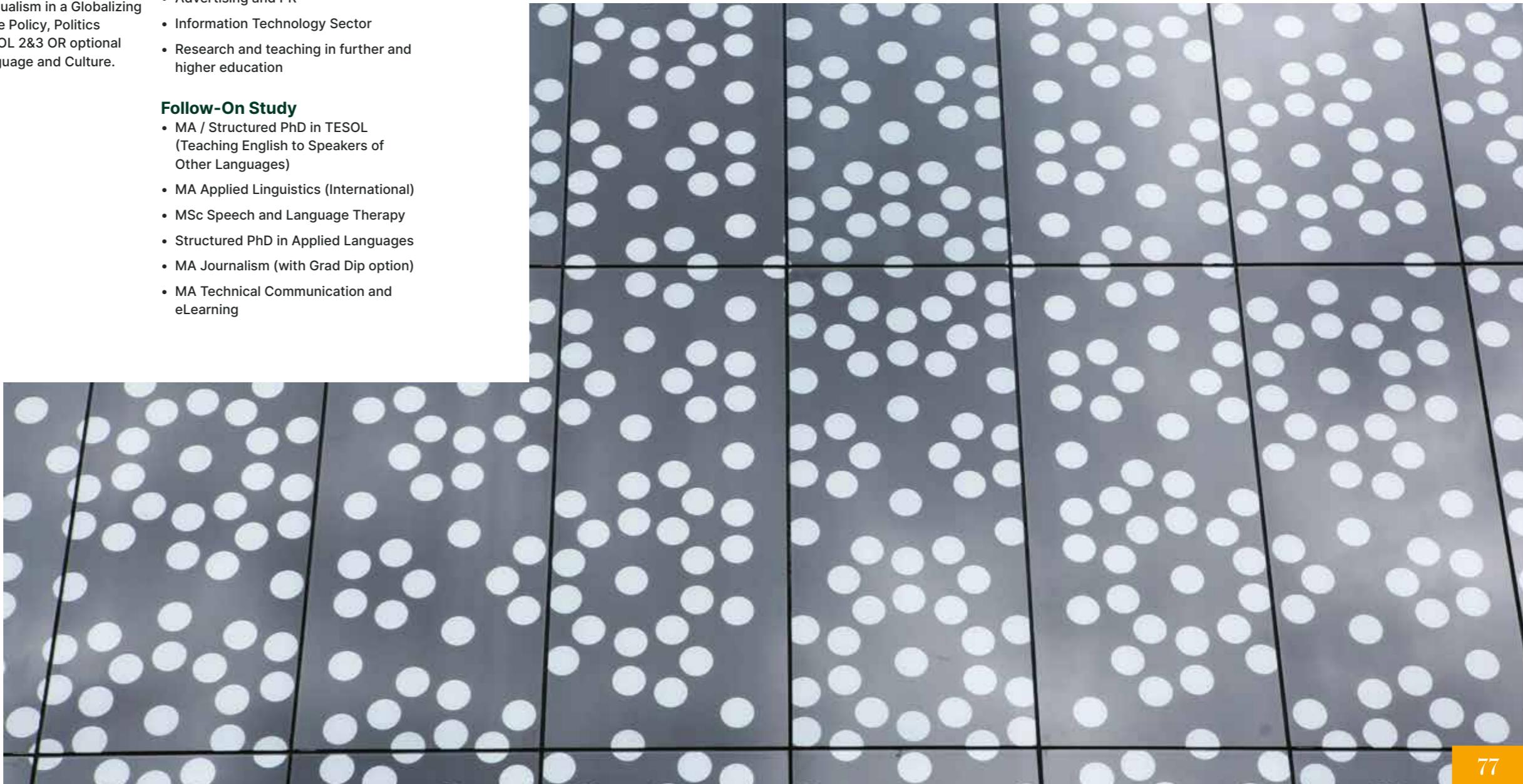
Career Opportunities

Mathematics graduates find work in a wide range of careers including:

- Banking and commerce
- International and EU organisations
- Financial services
- Management services
- Statistics
- Civil service
- Informational Technology

Follow-On Study

- MA/PhD Research
- Professional Master of Education (Mathematics)
- MSc in Mathematical Modelling



LM002 Music and Dance

Music and Dance can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with Music and Dance by looking at the table at the beginning of this section.

About You

Do you enjoy music and/or dance? Do you want to invest in your future and develop your knowledge and understanding of these and related performance practices? Do you want to reflect on historical practices and current trends in classical, popular, traditional and world music and dance? If so, this may be the subject choice for you.

Why study Music and Dance at UL?

Music and dance are an intrinsic part of the cultural life of this island, being significant economically as well as artistically and socially. The Irish World Academy of Music and Dance at the University of Limerick has become a world leader in the study of these phenomena, situating music and dance in the centre of a number of critical approaches and disciplines in the study of culture and society.

This subject is designed to develop your academic and vocational skills. The main thrust of this subject in this context is the academic study of various music and dance practices. You will also engage in vocational studies directly relevant to music and dance. For example, you will have the opportunity to record CDs and videos, use digital media, write business plans, plan tours and organise performances.

You will also engage in specific academic studies in traditional music and dance, popular music and dance, histories of western music and dance, ethnomusicology, ethnochoreology, music and dance education and music and dance in health. You will also have the opportunity to engage with the wider cultural, social and historical context of this island through a number of modules in Irish cultural studies.

To find out more about the Irish World Academy of Music and Dance, go to www.irishworldacademy.ie

Career Opportunities

This subject is designed to produce graduates with a broad range of skills that can be employed in a number of professional contexts. Great emphasis is also placed on the development of transferable vocational skills, enabling you to access a diverse range of less obvious career pathways.

Follow-On Study

- Master of Arts in Irish Music Studies
- Master of Arts in Irish Dance Studies
- Master of Arts in Ethnomusicology
- Master of Arts in Festive Arts
- Master of Arts Music Therapy



LM002 / LM019 Politics and International Relations

Politics and International Relations can be taken as part of the UL Arts Degree as single honours or a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Politics and International Relations by looking at the table at the beginning of this section.

About You

The study of Politics and International Relations is all about thinking critically and understanding how the world works. If you are interested in national or international current affairs; if you find yourself asking questions about why things are the way they are and how they might change; then Politics and International Relations at UL could be for you. You will learn how to research, how to study and develop your analytical and reasoning skills, and how to apply these skills to the real world. You will learn about Ireland and Europe, their place in the world; how political decisions are made and in whose interest; how states interact in the international system; about what makes a good society and about what doesn't, and how we might tell the difference between the two.

Why study Politics and International Relations at UL?

In today's globalised world, politics must be understood from the broadest possible perspective. Our staff have a particularly wide breath of expertise across the discipline, and the Politics and International Relations programme at UL stands out for the wide range of subject areas covered. As well as gaining a thorough understanding of Irish and EU politics, students will learn about the wider international system, and will have the opportunity to study the politics of different regions of the world. The deeper philosophical questions about how societies and governments should be organised are also addressed. In the final year, students have the opportunity to specialise in areas of politics that they are particularly interested in.

What you will study

In the first year, you will take introductions to the broad study of Politics and International Relations, whereas in the second year you separately take courses related to the main studies within the field (Irish Politics, European Politics, Political Theory, International Relations and Political Economy, and Public Administration). You then have a wide range of co-op/work placements before going on study abroad to a large choice of universities (including those in Malta, Czech Republic, Turkey, Iceland, France and Germany). In the final year, you can choose a number of electives that include looking at issues such as global justice, international organisations, Russian Politics, African Politics and issues around peace and conflict.

Career Opportunities

Recent graduates of this programme are working as policy advisors, civil servants, researchers, elected representatives, data analysts, public relations officers, teachers, journalists.

Career areas open to you with a degree in Politics and International Relations include;

- Public Service
- European and International Agencies
- Business, Heritage and Tourism
- Education and Teaching
- Voluntary and Community Organisations
- Media, Journalism and Public Relations
- Training and Equal Opportunities
- Policy Evaluation Research
- Urban Planning and Rural Development
- Social and Market Research

Follow-On Study

- Graduate Diploma/MA in Public Administration
- MA International Studies
- MA Peace and Development Studies
- MA Politics



Student Profile

Ashley Taylor

I moved from the US to study Arts at UL. The BA in Arts is a great programme for anyone interested in pursuing an arts or social science subject, since you can tailor the programme to suit your interests. I chose Politics and International Relations, with an emphasis on international institutions and how they affect politics on national and international levels. My programme also allowed me to spend a year abroad; I went to California for six months to work for the government as a legislative intern and I lived in Copenhagen for five months during my Erasmus+ placement at the University of Copenhagen. Studying Politics and International relations at UL has also given me an opportunity to develop skills in research and analysis, along with written and verbal communication skills. Additionally, part of my programme involved writing a Bachelor's thesis, which gave me an opportunity to do specific research in a subject of my choice (terrorist ideology and behavior) and allowed me to contribute to existing academic research.

After graduation, I decided to stay at UL to pursue my MA in Peace and Development Studies. My undergraduate programme at UL has given me extensive preparation for both my graduate degree and for entering the workplace, especially since I was able to complete a full-time six month internship during the course of my degree. UL has also given me international experience, which is a definite benefit for young professionals entering politics today.

LM002 / LM019 Psychology

Psychology can be taken as part of the UL Arts Degree as a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Psychology by looking at the table at the beginning of this section.

About You

If you are the type of person who is interested in investigating the reasons behind why people feel, think and behave the way they do, and in making a difference to people's lives, then you will find this course engaging and stimulating.

Why study Psychology at UL?

Psychology is the scientific study of mind and behaviour. Over the past century, Psychologists have examined the fascinating variety of human thought and activity and degrees in Psychology open up many opportunities to use this knowledge to address important social issues and improve the quality of people's lives.

Psychology spans virtually all aspects of human life and allows us to seek answers to questions such as:

- How do children develop a sense of self and relationships with others?
- What effect does our mood have on our ability to remember information?
- What effects do different drugs have on behaviour?
- How can we understand mental disorders and help people cope?
- When and why do people and animals help others in need?
- What are the roots of prejudice and discrimination and what can be done to resolve intergroup conflict?

By defining and investigating these and other questions, psychologists aim to provide practical solutions to the many personal and social challenges that people face in their everyday lives. By the end of this course, you will have knowledge and skills that are important for a career in Psychology.

Note 1:

Students opting to study Psychology on the Bachelor of Arts and BSc. Social Sciences will not be eligible to register with the Psychological Society of Ireland immediately following their degree. If this is desired, graduates of the Bachelor of Arts and BSc. Social Sciences will be required to undertake a Master of Arts in Psychology. This is a fulltime 1 year conversion course.

Note 2:

Places on Psychology within LM002 and LM019 are limited following first year. Progression to continue studying psychology in part two of LM002 & LM019 (from Year Two onward) will be competitive as there are limited places. Progression will be decided on the basis of Autumn Semester Year 1 performance.

Follow-On Study

- MA in Psychology



LM002 / LM019 Public Administration and Leadership

Public Administration and Leadership can be taken as part of the UL Arts Degree as single honours or a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Public Administration and Leadership by looking at the table at the beginning of this section.

About You

You are interested in how the world works, particularly that part of the world that is in the public space that involves decision making, political and otherwise, about how resources are allocated, about who gets what and why. You are interested in current affairs and have a curiosity to explore how Ireland and indeed other countries are managed. Within this you are both interested to learn more about the politics of decision making and public leadership but also about the 'machinery' that keeps this and other countries running, often referred to as public administration. Crucially, you are interested in knowing more about how politics and the machinery of government interact but also about how they relate to and engage with citizens and their organisations. You may be interested in a career in politics or in the public sector or in the non-profit sector, in Ireland or internationally. Indeed, you may even be a future public leader!

Why study Public Administration and Leadership at UL?

Studying Public Administration and Leadership at UL will open up the world of politics, public administration and civil society in Ireland and internationally. You will learn to recognise that politics is not just the responsibility of those we elect but that it is of concern to individual citizens and to the organisations that they are part of. You will learn not only to understand the world of public leadership but how to critically analyse it. Learning about public leadership at UL is not about amassing lots of information; it's about enabling and empowering you to know what to do with that information. UL has a long tradition of teaching and research in the area of politics, public administration and civil society and actively engages with a variety of public and community based organisations. During your studies here you will have the chance to do a work based placement, with many opportunities available in public, private and non-profit organisations. You will also have the opportunity to benefit from a study abroad programme with a large choice of universities available in different countries such as the Netherlands, Poland, the Czech Republic and even in the US.

What you will study

In the Public Administration and Leadership programme you will study a range of subjects. As well as core, broader introductions to politics and public administration, in your first year you will be able to choose electives from other related disciplines, all of which are designed to generate an understanding of the complexity of public leadership. As you progress through second, third and fourth years you will encounter a range of more specific subjects, both core and electives, in the areas of public policy, international development, political economy, political theory, civic engagement, social justice, European politics, local government and many others.

Career Opportunities

Recent graduates of this programme are working as; analysts in the insurance sector; community workers; graduate entry level public servants. Recent graduates are working for employers like Northern Trust; the National Treasury Management Agency; the Policing Authority and Intel.

- A wide range of career opportunities are open to you from this programme, in the public, private and non-profit sectors;
- Public sector positions at national and local level and in a range of state agencies and in international public sector bodies;
- Private Sector opportunities e.g. within the banking and financial services sector as well as in industry;
- Non-Profit Sector employment within charitable, voluntary and community organisations, including local level community development as well international development NGOs (Non-Governmental Organisations).

Follow-On Study

- Graduate Diploma/MA in Public Administration
- MA Politics
- MA EU Politics and Governance
- MA International Studies
- MA Peace and Development Studies
- MA Sociology
- MA Business Management
- MSc Marketing, Consumption and Society
- Law LLB (Graduate entry)

LM002 / LM019 Sociology

Sociology can be taken as part of the UL Arts Degree as single honours or a joint honours combination and as part of the BSc Social Sciences degree. Review the subjects you can study with Sociology by looking at the table at the beginning of this section.



Student Profile

Aisling O'Connor

I was initially drawn to Sociology as I was curious about how people behave, and interested in social justice and human rights. I wanted to gain a better understanding of how we relate to each other, and of how power plays a part in that.

Over the past three years of study, this course has given me the chance to dramatically develop my world view. The course highlights and challenges assumptions of the social world that I wasn't even aware existed prior to first year. Due to this, I have noticed how inquisitive I have become in my personal life, often taking a step back, in attempt to apply what I have learnt in class to first hand experiences.

Recently I spent a semester studying at Philipps-Universität in Marburg, Germany. I chose to study topics such as 'Women & Migration', 'Linguistic Anthropology' and 'The Works of Oscar Wilde', which were based in the disciplines of political science, anthropology and English, respectively. During this time, I was lucky enough to visit Frankfurt, Heidelberg and Dortmund, experiencing the different cultures of each city, whilst making friends from all over the world in the process.

About You

Students who do sociology need to be inquisitive, and curious about the social world and how it works. You also need to be open to reconsidering all the notions and common sense views of society that we usually take for granted. Sociology shakes us up intellectually, it forces us to reconsider many of our assumptions and see the world through a lens that is often critical and challenging. Doing Sociology will empower you to re-examine the familiar with fresh eyes and provide you with the skills set to see afresh and to document the complexity of the social world.

Why study Sociology at UL?

Sociology describes and explains social structures and processes. The Sociology programme at UL will enable you to develop critical and analytical skills to look more objectively at our societies. It directs attention to how the constituent parts of society fit together and change, and the consequences of that social change. By focusing on the external forces that affect our values, attitudes and behaviours, it helps us better understand ourselves and the motivations of others around us. In addition to core modules, you can choose Sociology electives which match your own study and research interests.

What you will study

Reflecting the extensive teaching and research expertise in the department, Sociology at UL focuses on a number of key themes which run throughout the four years of the programme:

- Classical and Contemporary Social theory
- Quantitative and Qualitative Research Methods
- Sociology of Inequality (focusing, for example, on Gender, Stratification & Social mobility, Political Economy, Urban Sociology, Youth, Migration and Hate Crimes)
- Sociology of Media (focusing, for example on media, media audiences and popular culture)
- Sociology of Health and Illness and the Sociology of The Body
- Sociology of family
- Sociology of crime, victimization, and criminal justice

Career Opportunities

A wide range of career opportunities are open to you from this programme, in the public, private and non-profit/ NGO sectors: UL Sociology graduates have found careers in a diverse range of areas including:

- Journalism, media, communications and public relations
- Teaching at Second Level
- Social, marketing and media research
- Social policy analysis
- Urban planning
- Research consultancy
- Postgraduate Training to either Masters or PhD Levels
- Social work, youth and community work
- Prison and probation services
- Community Development
- Voluntary organisations, national and international NGOs
- Statistician, demographer

Follow-On Study

- MA Sociology (Youth, Community and Social Regeneration)
- MA Sociology (Applied Social Research)
- MA Gender, Culture & Society

LM002 Spanish

Spanish can be taken as part of the UL Arts Degree as a joint honours combination. Review the subjects you can study with Spanish by looking at the table at the beginning of this section.

About You

You are someone who enjoys learning about other cultures, who is interested in languages and who would either like to continue with Spanish because you liked it in school. Or you may want to pick it up as a beginner who is happy at last to get a chance to start learning Spanish. Perhaps you are someone who wants to benefit from the excellent job prospects for anyone with a good knowledge of other EU languages and of Spanish in particular. And you know that Spanish is now one of the 4 most used languages in the world.

Why study Spanish at UL?

- There are over 570 million speakers of Spanish (out of which 480m are native speakers).
- Spanish is one of the three most widely used languages in the world (alongside English and Mandarin).
- Spanish is the official language of Spain and most countries in Latin America.
- Spanish is the second language in the USA (by 2027 there will be more Spanish speakers in the US than in Spain).

Note:

Spanish is available at beginners and post leaving certificate level. Students require a minimum H4 grade in Spanish to study post leaving certificate level Spanish. Students require a minimum H4 grade in a language other than English to study beginners Spanish.

- Spanish is one of the official languages of the United Nations, the European Union and many other international bodies. It plays a vital role in international business, international relations, audio-visual media, and other areas.
- Spanish is the key to the fascinating cultural heritage of Latin America and Spain.
- The University of Limerick offers Spanish at both beginner and advanced levels.

What you will study

You will learn about Spanish and Latin American societies, cultures, and literatures, as well as improve your language skills at all levels and develop your intercultural awareness.

Follow-On Study

- Teaching (Professional Masters of Education required)
 - Public Service (because you have shown language learning potential you may be recruited to learn another language)
 - Media
 - International Business (Marketing, Finance, Personnel)
 - Translating
 - Localising and Interpreting
 - Tourism
- MA Comparative Literature and Cultural Studies
 - MA International Studies
 - MA Applied Linguistics International
 - MA Modern Language Studies
 - MA TESOL (Teaching English to Speakers of Other Languages)
 - Professional Master of Education (Modern Languages)



LM020 Bachelor of Arts in Law and Accounting

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Ealaón i nDlí & Cuntasáiocht

Course Info

CAO Points 2020: 465

Course Length: 4 Years

Course Director: Dr. John Heneghan

Enquiries

Email: Law@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O4/H7

Other: —

Additional info: • Mature Pathways

About You

You have an interest in both law and accounting and would like to pursue both subjects at University. You like reading, and have a mathematical mind. You like to solve problems, and are inquisitive. You are also self-disciplined and motivated. Designed as a joint honours degree, the BA in Law and Accounting offers you a full law degree and full accounting degree. At this stage, you may not know what career you would like to pursue, the BA Law and Accounting degree allows you to pursue either career, while using skills from both disciplines to enhance your chosen professional career path.

Why study Law and Accounting at UL?

Within the business world a strong legal background assists the work of many accounting specialists. Equally, a firm grounding in all aspects of accounting, including taxation, deepens the lawyer's understanding of business transactions. The course reflects a demanding, broad and practical programme of study which will provide you with a firm foundation in both law and accounting. The combination allows you to make your choice of profession when you have a better knowledge of your strengths and of the law and accounting disciplines.



LM020 Online

The student experience



Want to know more? Go to:
<https://www.ul.ie/courses/bachelor-arts-law-and-accounting>

Exemptions

Exemption is granted to students who hold an honours Bachelor's Degree in Law and Accounting as follows:

The Law Society of Ireland

The Bachelor's degree in Law and Accounting covers the core subjects required by the Law Society of Ireland Final Examination, Part I.

The Honorable Society of King's Inns

The Bachelor's Degree in Law and Accounting may constitute an approved law degree for the purposes of taking the entrance examination of the Honorable Society of King's Inns if students have studied Jurisprudence and Administrative Law, along with the core law modules in this programme. Law and Accounting students can take these modules on a pass/fail basis during their 4 years of study. NOTE: As the modules required to be an approved degree are subject to change, please contact the School of Law at UL for the most recent information.

Accounting Exemptions

Exemption is granted to students who hold an honours Bachelor's Degree in Law and Accounting as follows:

Chartered Accountants Ireland (CAI)

- **CA Proficiency 1 (CAP1):** Graduates with a minimum 2.2 award, together with achieving satisfactory grades in qualifying modules, will be awarded an exemption from CAP 1
- **CA Proficiency 2 (CAP2):** No exemption
- **Final Admitting Exam (FAE):** No exemption

Association of Chartered Certified Accountants (ACCA)

- **Fundamentals:** Exempt from 6 out of 14 papers
- **Professional:** No exemption

Institute of Certified Public Accountants in Ireland (CPA)

- **Foundation 1:** Exempt from all 3 papers
- **Foundation 2:** Exempt from 3 out of 4 papers
- **Professional 1:** Exempt from 2 out of 4 papers
- **Professional 2:** No exemption

Chartered Institute of Management Accountants in Ireland (CIMA)

- **Certificate in Business Accounting:** Exempt from all 6 papers
- **Managerial level:** Exempt from 2 out of 6 papers
- **Strategic level:** No exemption

Institute of Taxation in Ireland (ITI)

- **Income Tax Fundamentals:** Exempt
- **Financial Reporting & Tax Accounting Fundamentals:** Exempt
- **Law Fundamentals:** Exempt
- **Capital Gains Tax Fundamentals:** No exemption
- **Part 2:** No exemption
- **Part 3:** No exemption

Graduates of Bachelor's Degree in Law and Accounting are not in any way prejudiced by virtue of their joint degree, and get the same exemptions as any graduate with a degree in Accounting.

Career Opportunities

This degree will equip you for a variety of careers where you will be able to make use of the skills and knowledge acquired in the programme, including:

- Chartered Accountant
- Financial Accountant
- Solicitor
- Barrister-at-Law
- Funds Manager
- Financial Analyst
- Corporate Banker
- Legal Advisor
- Accountant
- Investment Manager
- Taxation Advisor
- Insurance Claims
- Management
- Civil Service Manager
- Teacher
- Asset Leasing Manager
- Equity Trader
- Compliance Officer
- Academic lecturer (3rd level)

Follow-On Study

Related postgraduate options at UL include:

- MSc in Financial Services
- MSc in Computational Finance
- Master of Taxation
- LLM Master of Laws in International Commercial Law
- LLM Master of Laws in Human Rights in Criminal Justice
- LLM Master of Laws (General)



Student Profile

Jennifer Moran

The Law and Accounting course at UL interested me initially because it offered a 2 in 1 degree which I thought was unique and would give me the edge with employers, rather than a regular business degree. The course does not restrict you to a certain area of law or business - it opens the door to a variety of opportunities and that's what makes it so different.

Going to EY (Ernst & Young) in Dublin for my Co-op was a brilliant experience as I got exposure to the professional working world and the corporate social life of Dublin. I got the opportunity to intern in two different departments: Wealth and Asset Management and Aircraft Leasing.

EY prepared me hugely for my future career in accounting as it tested my ability to adapt to a new environment within a short period which proved to be successful, as I was offered a graduate contract after my 8 months there.

Choosing UL gave me the opportunity to meet new people from around the country by living away from home but still being close to Galway. I have spent four of the best years of my life in UL as an undergraduate and I cannot recommend it enough.

Key Fact

The Law and Accounting degree is designed to allow you to pursue either career, while using skills from both degrees in your job.

LM028 Bachelor of Arts in Criminal Justice

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Ealaón sa Cheartas Coiriúil

Course Info

CAO Points 2020: 418

Course Length: 4 Years

Course Director: Dr Susan Leahy

Enquiries

Email: Law@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathways

Note: For certain electives, additional special qualifications specific to individual subjects or disciplines may be determined by the respective departments in accordance with Academic Council regulations.

About You

You are interested in crime and the operation of the criminal justice system. You would like to work in law enforcement, security, court administration or other civil service roles or in non-governmental organisations related to the criminal justice sector. Students of the BA (Criminal Justice) have an inquiring mind and want to develop a grounding in a number of key disciplines in order to fully comprehend the complexities of crime and justice in modern society.

Why study the BA(Criminal Justice) at UL

Become an expert in Criminal Justice. The BA (Criminal Justice) is a four-year degree inter-disciplinary programme. In each semester, you will study a combination of modules from Law, Sociology, Politics and Public Administration. An exposure to each of these disciplines ensures that you will develop a comprehensive understanding of the criminal justice system and how it reacts to and regulates the society within which it operates. To further enhance your learning during the programme, you will study some Psychology modules which will aid in understanding human behaviour and the motivations of those who commit crime along with the behaviours of other actors in the criminal justice system such as police, judges and juries. Modules in Management will also give you core skills which are essential for future administrative roles within the criminal justice sector.

As a result of its strong research profile in criminal justice areas, the School of

Law has developed important links with key criminal justice stakeholders. The School of Law provides accreditation and quality assurance for the national Garda training programme (BA in Applied Policing) in Templemore. Researchers from the Centre for Crime, Justice and Victim Studies have also been involved in research with the Inspector of Prisons, the Irish Prison Service and the Department of Justice. These links ensure that the School of Law is always at the cutting edge of developments in the criminal justice system.

What you will study

The BA (Criminal Justice) is a four-year degree inter-disciplinary programme. In each semester, you will study a combination of modules from Law, Sociology, Politics and Public Administration. An exposure to each of these disciplines ensures that you will develop a comprehensive understanding of the criminal justice system and how it reacts to and regulates the society within which it operates. To further enhance your learning during the programme, you will study some Psychology modules which will aid in understanding human behaviour and the motivations of those who commit crime along with the behaviours of other actors in the criminal justice system such as police, judges and juries. Modules in Management will also give you core skills which are essential for future administrative roles within the criminal justice sector.

A key learning experience within the programme is the eight-month co-operative work placement which you will undertake at the end of Year 2. Co-op will give you a unique and invaluable opportunity to gain practical experience working in social impact and community work placements. Through these placements, you will put your learning to practical use and build networks with potential future employers. It is also possible to spend some of this work placement period abroad.

In your final year of studies, you may opt to complete a final year project under the supervision of one of the members of faculty. This will provide you with an opportunity to work independently on an issue which is of particular personal interest to you, under the supervision of an expert in that specific area.

To find out more go to: www.ul.ie/courses

Career Opportunities

The BA (Criminal Justice) prepares students for a wide variety of careers within the criminal justice sector and beyond. Graduates may opt for careers in policing, the private security industry, courts administration or the prison service, as well as within organisations which work in the prevention of crime and/or the support of victims and communities affected by criminal activity. You may also decide to pursue careers in related areas such as the civil service, research or journalism.

Follow-On Study

Students who complete the BA (Criminal Justice) have a variety of options for postgraduate study and professional education courses both within the University of Limerick and beyond. Importantly, BA(Criminal Justice) graduates are eligible to complete the School of Law's LLB (Graduate Entry) programme in one year instead of two. This programme allows individuals with an undergraduate degree in any discipline to obtain a law degree in two years. However, BA(Criminal Justice) students will have sufficient credits in law to complete the LLB (Graduate Entry) programme in one year*, thereby obtaining a law degree in one year after completion of the BA(Criminal Justice). This is an ideal postgraduate option for graduates who wish to pursue a career within the legal profession.

Graduates on the programme may also opt to complete the MA in Criminal Justice and Human Rights offered by the School of Law.

Alternatively, you may decide to choose a career in the legal profession or policing and pursue professional education and training for acceptance into these professions

*Please note that to qualify for the option of completing the LLB (Graduate Entry) in one year, BA(Criminal Justice) students must complete LA4033 (Law of the European Union 1) and LA4044 (Law of the European Union 2) in the 4th year of their degree.



Student Profile

David Roche

I have thoroughly enjoyed studying BA Criminal Justice in the University of Limerick. I chose to study Criminal Justice as I was passionate about advocating for people's rights and in making a positive change in the world. This course certainly facilitated my ambitions and I have developed my skills not only academically but within the real world.

Criminal Justice provides you with all of the tools necessary for success. I enjoyed the guest speakers and lecturers who were organized to give us real world insights into several areas of our course. I really enjoyed my co-operative placement, I was fortunate enough to have been placed with Cork City Council, which is a highly sought-after placement within the University. I was also fortunate enough to have been called back on several occasions to work with Cork City Council during the holiday periods.

The course content provides a broad knowledge in the areas of Law, Public Administration, Politics, Psychology and Sociology. I would recommend this course to students who are interested in careers in these fields or who would like to develop a strong understanding of how the everyday systems in our society work both here in Ireland and abroad. This course opens up your potential to work in many of Irelands public bodies as well as providing you with a steppingstone in starting your legal career. I have chosen to pursue a career as a solicitor and have also been fortunate enough thanks to this course to have been given the tools necessary to pursue further legal studies.

Key Fact

Become an expert in criminal justice and develop skills for a career in areas like policing, courts administration or the prison service.



LM029 Bachelor of Laws (Law Plus)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Dlíthe (Dlí Móide)

Course Info

CAO Points 2020: 490

Course Length: 4 Years

Course Director: Dr John Lombard

Enquiries

Email: Law@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7 or H4 for language

Maths: F6/O6/H7

Other: —

Additional info:

- Mature Pathways
- QQI Pathways

Note: Students wishing to take a language option must have a H4 grade in that language with the exception of Japanese and beginners Spanish where a H4 grade in a language other than English is required.

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: For certain electives, additional special qualifications specific to individual subjects or disciplines may be determined by the respective departments in accordance with Academic Council regulations.

About You

If you are the type of person who enjoys working out real solutions to problems that occur in everyday life then Law Plus is the programme for you. If you would like to study a traditional law degree but have the flexibility of studying elective subjects that allow you to tailor the programme to your own interests, then Law Plus is also the programme for you.

Why study Law Plus at UL?

The study of law is an enriching educational experience that provides intellectual stimulation and an exposure to decision-making and argumentative skills. The Law Plus programme allows you to choose elective subjects in other disciplines including Politics, History, Psychology, Economics, Maths, Sociology and languages. You can therefore expect to have a wide variety of options open to you upon graduation.

Law Plus places significant emphasis on the development of practical legal skills including oral and written communication skills, analytical and logical reasoning skills, negotiation, legal research, organisational and teamwork skills, particularly through the lawyering skills modules. Our moot court and appellate court facilities are utilised throughout the programme to develop these skills and ensure our students graduate equipped to deal with

working in a legal environment. These skills are of course transferable and of great benefit to those who choose to pursue a career outside of law.

You will also have the opportunity to participate in Advanced Lawyering projects. These projects provide students with a unique opportunity to engage with community partners and to apply their legal knowledge and skills in a practical manner. Projects vary from year to year and have in the past included topics such as miscarriages of justice, sentencing, Street Law, and legal app development.

What you will study

The programme is of four years' duration, of which seven semesters are spent on campus and one on Cooperative Education. In general,

the programme consists of three law modules and two elective modules per semester. The law component of the course is designed to provide you with a mastery of the discipline of law through the study of the core legal subjects which are considered essential to a rounded legal education: Lawyering Skills, Contract, Torts, Criminal Law, Constitutional Law, Equity and Trusts, EU Law and Land Law.

The elective component of the degree consists of a wide variety of modules,

including additional Law modules. The electives serve to broaden the base of your legal studies and refine your knowledge of the wider world. For a full list of these options, go to www.ul.ie/courses/LM029.html

During the first half of Year 3, an eight-month period of Cooperative Education provides you with an opportunity to apply the knowledge that you have already acquired. This will take the form of a work placement. There is also the opportunity to spend this period abroad. In the second half of Year 3, a limited number of academic placements are available, either through an exchange programme with a European law school or with one of our partner law schools in the United States, Canada or China.

Final year students will also participate in 'Advanced Lawyering Projects'. These are group projects which focus on an area of law in which you have a particular interest (e.g. criminal justice, employment law or property law etc). You will work together with a lecturer to complete a project where you will develop practical research, writing and presentation skills.

Details of some Advanced Lawyering projects are available on www.ulsites.ul.ie/law/node/18261

Exemptions

The Bachelor of Laws (Law Plus) covers the core subjects required for the Law Society of Ireland Final Examination, Part 1, and is an approved degree for the purpose of Rule 4 of the Education Rules of the Honorable Society of King's Inns. The degree is also recognised for admissions to the Institute of Professional Legal Studies at Queens. Please contact the School of Law, University of Limerick, for further information.

Career Opportunities

Careers open to you with a Law degree include:

- Solicitor
- Barrister
- Legal Advisor
- Compliance Officer
- Mediator
- Civil Service administrator

A legal education gives you a number of career options. You may decide to enter the legal profession or you may engage in further study and become an academic. These are not the only options, as a law degree will give you a rich and invaluable education which may also interest those who intend to pursue a career outside the profession and academia, including administration, government and business.

A law degree will provide you with life-long skills that can be adapted to suit a wide variety of careers.

Follow-On Study

After finishing your Law degree, you may decide to stay on at University and pursue a Masters Degree or PhD. We offer a number of innovative and interesting postgraduate programmes:

- LLM in Human Rights in Criminal Justice
- LLM General
- LLM in International Commercial Law
- PhD



The moot court room at the UL School of Law

This facility enables UL Law students to get hands-on court room experience. With all the trappings of a traditional courtroom, students can assess their performance in court, with a judges bench, 12-seat jury area, prosecution and defence stands, witness stand, and 60-seat public gallery.



Graduate Profile

Emily Clifford

Studying Law Plus (LLB) at the University of Limerick was a rewarding experience. What initially attracted me to the Law Plus course was the concept of being able to tailor your own experience to the areas you are interested in, while also completing the core modules necessary to meet the King's Inns or Law Society requirements. This was important to me as I didn't want to limit my career path early on in my studies. In addition to the core modules, I chose to study extra law and sociology. Extra law allowed me to explore areas such as commercial law and company law, which is where my main interests lay. Sociology enabled me to broaden my social perspective, which I felt was an important life attribute.

Embarking on cross-disciplinary study was in equal parts challenging and exciting, however, this was made easier by the talented lecturers at UL, to whom I credit my attractive skillset on graduating. Additionally, while studying, I was afforded the opportunity to complete my co-operative education abroad, where I worked in a large law firm in Luxembourg in their investment funds practice. This experience enabled me to put the skills I was learning in college into practice, while simultaneously combining my love of travelling. My time working in investment funds inspired my final year research project and was ultimately responsible for the choices I made after graduating.

Law Plus has given me the freedom to find my own interests in the law while also providing me with an amazing foundation to start any legal career. Upon graduating in 2018, I enrolled in the International Commercial Law Masters (LLM) at UL. I now work at a large International Law Firm as a trainee in their Investment Funds department. I credit my time at UL for the undisputed preparation for life as a post-graduate and cherish the time I spend there.

Key Fact

Law Plus at UL is a fully accredited Law degree with the added benefit of a choice of additional subjects and relevant workplace experience.

LM029 Bachelor of Laws (Law Plus)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Dlíthe (Dlí Móide)

Q. How does the Law Plus degree work?

The 4 year programme includes seven semesters on campus and one on Cooperative Education. In general, the programme consists of three law modules and two elective modules per semester. Extra law may be taken as one of the electives, in this way, you can study four law subjects and one non-law elective per semester.

The law component of the course provides students with a comprehensive knowledge of the discipline of law through the study of legal subjects like: Lawyering Skills, Contract, Torts, Criminal Law, EU Law and Land Law.

Q. What subjects may I choose to study in addition to law?

Law Plus is a flexible degree allowing students to choose two electives from a wide range of subjects and disciplines. Students can choose any combination from groups 1-6, as long as no two are in the same group*:

Law can only be selected as an elective once.

- **Group 1:** Law or Psychology or German
- **Group 2:** Law or English or Politics
- **Group 3:** Law or Digital Culture and Communications or Gaeilge or Economics
- **Group 4:** Law or Public Administration or Spanish (beginners or advanced)
- **Group 5:** Law or Sociology or Linguistics with TESOL (Teaching English to Speakers of Other Languages) or Maths or Japanese
- **Group 6:** Law or History or French

Students can attend as many lectures as they want in the first week of term and then choose the ones that suit them best. This flexibility is excellent for students who are uncertain as to their future career but know the value of a legal training coupled with exposure to other disciplines. The student can effectively design an individual programme of their choosing. Students are always welcome to speak with the Course Director about registration options.

Q. Do I need to study a language?

Students may choose not to study a language.

Q. Do I gain any experience in the workplace?

During the first half of Year 3, an eight-month period of Cooperative Education provides the students with an opportunity to apply the knowledge that has already been acquired. Normally this will take the form of a work placement in a range of sectors including legal, financial and government sectors.

Students also have the opportunity to undertake a semester abroad as part of an Erasmus programme in the second semester of third year.

Q. Will I develop skills which are useful in the workplace?

The School of Law is dedicated to ensuring that Law graduates are self-motivated and highly professional people who are equipped with invaluable transferable skills, skills which are integral to a legal training, but are also highly prized skills in general. Law Plus places significant emphasis on the development of skills including excellent oral and written communication skills, analytical and logical reasoning skills, negotiation, legal research, organisational and team work skills, particularly through the Lawyering Skills modules in the first and fourth year of the programme.

In addition, students are offered an Advanced Lawyering module which builds upon skills previously identified and imparts students with an understanding of the alternative mechanisms for solving disputes outside the legal system (ADR) and the skills inherent in these processes, an area of increasing importance to legal professionals in modern times.

Final year students will also participate in 'Advanced Lawyering Projects'. These are group projects which focus on an area of law in which you have a particular interest (e.g. criminal justice, employment law or property law etc). You will work together with a lecturer to complete a project where you will develop practical research, writing and presentation skills.

Q. What kind of degree will I get at the end of my course?

Law Plus is a Bachelor of Laws (LLB) degree rather than a Bachelor of Civil

Law (BCL) as it is a four year degree encompassing an eight month co-operative education placement rather than a traditional three year law degree.

Q. Can I become a barrister or solicitor when I am finished my Law Plus degree?

Yes! The Law Society of Ireland (Solicitors) does not require applicants to have a law degree to pursue a career as a solicitor, however, every student in the country must sit entrance exams to gain entry to the Law Society of Ireland. All of the subjects are offered by the School of Law in the University of Limerick.

The Honorable Society of King's Inns (Barristers, The Bar) does require students wishing to become a barrister to hold a law degree and Law Plus is an approved degree for these purposes.

Students on the Law Plus programme will also have the opportunity to study the subjects on which there are entrance exams in order to gain entry to King's Inns.*

Further information on becoming a barrister is available from www.kingsinns.ie and further information on becoming a solicitor is available on www.lawsociety.ie**

Q. Is Law Plus recognised for teaching?

No, but you can make an individual case to the Teaching Council. There are no guarantees that your LLB will be accepted.

Q. Do I get a degree in my elective subjects?

No, the elective subject gives the student the opportunity to study an area outside of law that complements the study of law and enriches their knowledge. On graduation, you will be awarded a LLB in Law with the list of electives taken detailed on your official student transcript.

* Please note that the choice of electives is subject to continual change and not all electives may be available due to a variety of factors including, but not limited to, scheduling and resourcing.

** Due to the regular alterations to the entry requirements for the professional bodies, students are advised to keep abreast of any developments in this regard.



LM038 Bachelor of Arts in Psychology and Sociology

NFQ Level 8 Major Award - Honours Bachelor Degree
Baitsilír Ealaón i Síceolaíocht agus Socheolaíocht

Course Info

CAO Points 2020: 500

Course Length: 4 Years

Course Director: Dr. Paul Maher

Enquiries

Email: psychology@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

About You

If you are the type of person who is interested in investigating the reasons behind why people behave the way they do, and in using your knowledge to address important social issues, then this course will be interesting for you.

Why study Psychology and Sociology at UL?

This course allows you to examine a fascinating variety of human behaviours and social interactions, and opens up a wide variety of career opportunities. This combination of disciplines offers you the opportunity to develop and deepen your knowledge and understanding of how and why humans think and behave the way they do, and how they shape and are shaped by the society they live in.

The programme will help you to understand and explore the complexities of the mind and society. In the final year you will have the opportunity to undertake a research project on a chosen subject in Psychology. By the end of this course you will have the knowledge and research skills essential for a career in Psychology. The BA is accredited by the Psychological Society of Ireland, and will allow you to progress in a career in Psychology.

What you will study

This four year honours degree in Psychology & Sociology provides you with a broad introduction to both disciplines in the first year, followed by coverage of the core areas of Psychology required for accreditation including: social, developmental, personality, biological and cognitive psychology as well as research methods and statistics. In your final year of study you will specialise in advanced areas of both Psychology and Sociology, in topics including multiculturalism, the media and applied psychology, while undertaking your own independent research project in an area of Psychology. You will also have an opportunity to undertake study abroad as well as work in an area relevant to psychology or sociology during the course of your studies.

Off-campus programme

In semester 4 and 5 you will participate in an off campus programme. The off-campus programme typically consists of a period of paid employment in a sector related to the field of study, voluntary work and a period of university study in either Europe or North America as part of a Socrates or other exchange programme.



Offered jointly by the Faculty of Arts, Humanities and Social Sciences and the faculty of Education and Health Sciences.

Career Opportunities

Careers open to you with a degree in Psychology and Sociology include:

- Psychologist
- Social Worker
- Primary Teacher
- Third level Lecturer
- Community Worker
- Speech and Language Therapist
- Social Researcher
- Occupational Therapist

As an accredited undergraduate Psychology programme, this BA degree will allow you to progress in a range of careers in Psychology. This includes eligibility to apply for entry to the Doctor of Clinical Psychology course at the University of Limerick, and other such doctoral programmes leading to qualifications as a Clinical Psychologist.

Follow-On Study

Related postgraduate courses in UL include:

- MA Sociology
- MSc Speech and Language Therapy
- MSc Occupational Therapy
- Clinical Psychology (DclinPsych)

Psychology is one of the prerequisite study areas for entry to postgraduate studies in Psychological Science and Music Therapy courses at the University of Limerick, as well as professional courses in Educational, Forensic or Occupational Psychology elsewhere. Psychology graduates also pursue careers in research in universities, the public service and voluntary sector.



Graduate Profile

Caoilfhionn Timmons

A Day in the Life Of... an Assistant Psychologist

I currently work as an Assistant Psychologist in a forensic hospital with the National Health Service (NHS) in the UK. No two days are ever the same! My role involves assessment and intervention for people with severe mental health problems who, as a result of their mental health difficulties have come into contact with the law. I use many different assessment tools to help get a picture of what the person's strengths, difficulties, and current needs are. Then comes the intervention bit, where I do both group and one-to-one work using a variety of approaches.

Because this degree is accredited by the Psychological Society of Ireland, I can go on to train as a Clinical Psychologist - I have just gained a place on a doctoral course starting this autumn in London. The doctoral places are fees paid and fully salaried (as it's a job as well as a course), so while it takes a while to get enough experience to get on the doctorate, it's well worth the wait in my opinion - especially when the career is so interesting!

Caoilfhionn's tip:

Before you choose a course, talk to people who previously studied it but are now finished and carving a career out of the degree; inquire about realistic career opportunities and salary, what the day-to-day duties are, and how you go about qualifying, as some degrees require further study in order for you to be qualified.

Key Fact

This degree is accredited by the Psychological Society of Ireland, and will allow you to progress in a career in Psychology.

LM039 Bachelor of Arts in Journalism and Digital Communication

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Ealaón san Iriseoireacht agus Cumarsáid Dhigiteach

Course Info

CAO Points 2020: 402

Course Length: 4 Years

Course Director: Dr. Henry Silke

Enquiries

Email: cc@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: H4

2nd language: O6/H7 or H3 for language

Maths: F6/O6/H7

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes. Students wishing to take a Language Studies elective must hold a minimum H3 grade in that language.

About You

Are you naturally curious? Do you find yourself interested in conversations about events that are happening locally, nationally or globally? Do you want to learn how to ask the right questions and explain to an audience what is happening using multimedia platforms? If you want to be at the heart of telling stories that matter in society, and you want to make a difference, then journalism is the career for you.

Why study Journalism and Digital Communication at UL?

Journalism is an important, exciting and dynamic field. Journalism tells us about the world around us and who we are. Journalism is an evolving industry with ever changing platforms across print, broadcast and social media. Students studying Journalism and Digital Communication at UL will learn how to work across all multi media platforms and develop real-world practical and critical thinking skills in students so that their journalism is informed by a balanced sense of justice, accuracy and life-experience. Over the four years our students will:

- Produce their own radio reports and TV bulletins, in our state of the art studios.
- Work on the award winning Limerick Voice multi platform media project, including live website, social media channels and local newspaper.
- Produce and design an online magazine.

- Work with the latest digital publishing and editing software programmes including Adobe Audition, Final Cut Pro and others.
- Use social media to self-publish and promote work.
- Learn key fact checking and online verification skills.

What you will Study?

We provide a range of core practical modules designed to produce leading multimedia journalists capable of working across all digital platforms.

Our journalism subjects include:

- Radio and Television broadcasting
- Writing and publishing for digital media
- Social Media and Society
- Interviewing and Reporting
- Sports Journalism
- Magazine Journalism
- Limerick Voice news website and newspaper production

The structure of the programme allows for students to pick from a wide range of elective choices including, Politics, Languages, Law or Sociology, which foster a deeper understanding of societal issues, which are the focus of journalism. In the first year, you will choose two electives alongside your core journalism subjects, one of which you will take to degree level. This will not only allow you develop your research and

analytical skills but also enhance your career prospects. The strong emphasis on team projects in our core journalism modules means students are constantly developing a portfolio of published work which can be used for presentation to future employers.

Our lecturers combine academic expertise with significant professional industry experience in a number of national and international news organisations, including The Irish Times, The Irish Examiner, Ireland's state broadcaster RTE and The Cambodia Daily International. Our adjunct professors include Fergal Keane, BBC Africa Editor. In a special seminar series, editors, correspondents, reporters and other media-interested professionals visit the University of Limerick to talk to journalism students about the media industry and employment opportunities. Our four year programme includes a six-month work placement opportunity in a national or regional news organisation and an international study abroad placement.

For more information, visit www.ul.ie/journalism

Career Opportunities

A degree in Journalism and Digital Communication prepares you to work not just in legacy media but also in social media and the creation and curation of web content. Journalism graduates from UL are employed in a range of international and national organisations including: CNN, BBC, Google, The Guardian, Storyful, RTE, Independent News and Media, The Irish Examiner, Breakingnews.ie, The Journal.ie. UL graduates have also secured employment in a number of sport and entertainment websites and leading regional newspaper titles and local radio stations.

Careers open to you with a degree in Journalism and Digital Communication include:

- Multi Media reporter
- Broadcaster
- TV Journalist
- Editor
- Public Relations specialist
- Corporate communications specialist
- Social Media specialist
- Copywriter

You will be well-equipped to work in the fast-changing media world that has been transformed by digital technology. You will have excellent writing, editing and research skills. The application of these skills to print, on-line and broadcast journalism is a major part of the programme. You will be equipped to work in:

- National and local newspapers
- National and local radio
- Digital publishing
- Communications, and public relations roles
- Media production, media research
- Research and teaching at third level

Follow-On Study

Related postgraduate courses at UL include:

- MA in Journalism, Sport
- MA Technical Communication and eLearning
- MA English
- MA Comparative Literature & Cultural Studies
- MA Politics
- Grad Dip/MA in Public Administration



Graduate Profile

Hilary McGann

I'm very grateful that in my job there is no such thing as a typical day of work. For the most part I work as a news desk producer, sifting through newslines and alerting the network (both TV and digital) on what is reportable. The interesting thing is that you can read the coverage plans in the morning and then all of a sudden something happens and your entire day has changed. There's also a real adrenaline rush when it comes to chasing a news story, getting something confirmed and seeing an anchor read out your work within a matter of seconds. When I'm not on the news desk, I work in the field quite a bit where I get to work closely with a correspondent on interviews.

The real benefit and joy of working with a company like CNN is that you are expected to be both a print and broadcast journalist with an understanding and respect for the different needs of each platform. Studying Journalism at UL has really prepared me for my job here at CNN. During the course, I remember being struck by the unexpected differences with how a story should be told on TV in comparison to how it should be read in a newspaper. That being said, while they are two different platforms, the core principles of journalism that I learned in UL are invaluable on any media platform.

Hilary received The Sunday Times Young Journalist of the Year award in 2015. She is currently employed as a reporter with CNN International and based in London.

LM039 Online

Want to know more? Go to:
www.ul.ie/courses/LM039.html

Key Fact

Journalism and Digital Communication at UL is a multi-platform degree delivered through our dedicated media facilities like the specialised newsroom, TV and radio studios. This course will equip you with a wide range of workplace-focussed skills including: reporting; feature writing; broadcast journalism; investigative reporting; layout and design, social media management and how to start and manage a news website, newspaper and digital magazine.

LM040 Bachelor of Arts in European Studies

NFQ Level 8 Major Award Honours Bachelor Degree
Céim Baitsiléara sa Léann Eorpach

Course Info

CAO Points 2020: 369

Course Length: 4 Years

Course Director: Dr. Sorcha De Brún

Enquiries

Email: sorcha.debrun@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: H3 (except English)

Maths: F6/O6/H7

Other: —

Additional info:

- Mature Pathways
- QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: Additional language requirements:
Applicants must hold a H3 grade in a language other than English.
Students wishing to take the two language options with Irish/Gaeilge must hold a minimum H3 grade in Irish/Gaeilge

About You

There is no 'typical' European Studies student. The main qualities that you need for success in the field are;

- A healthy curiosity about how modern societies function
- An interest in the European Union, and the issues facing the Union and its member states
- A taste for languages other than your own
- An interest in other cultures and
- An ability to think independently and argue coherently for your ideas.

Neither do you have to know what you want to 'be' when you leave college in order to choose European Studies. The degree offers a very broad entrance into the worlds of Humanities, Languages and Social Sciences.

Why study European Studies at UL?

Brexit will mean more direct interaction with the EU and with individual member states on the continent. A better knowledge of the European Union, and Ireland's place within it, is needed more than ever before. An understanding of Europe requires knowledge of its historical origins, of its economic, legal and societal aspects, and of its political institutions. The BA in European Studies develops knowledge and understanding

of all of these areas linking them with knowledge of the cultures and languages of key member states. The University of Limerick has long led the way in Ireland in this field, with the result that this degree is one of the longest established European Studies degree programmes in Europe.

Jean Monnet European Studies Entrance Bursary

Students of the BA European Studies are eligible for the Jean Monnet European Studies Entrance Bursary. The Bursary to the value of €2,000 is awarded annually to an incoming student on this programme who achieves the highest CAO points.

What you will study

The BA in European Studies offers you a core European Studies programme and a wide degree of choice between options in European History, Sociology, Politics, Economics, Marketing, Law and European Literature & Film, as well as the opportunity to develop an in-depth knowledge of French, German, Irish / Gaeilge and Spanish languages and cultures. Language teaching takes place in small groups and many of the teachers are native speakers of the languages concerned. Language skills are further developed during the period of study abroad at one of our partner universities on the continent, completion of which is mandatory for students of the BA in European Studies.

In year 4 students continue with Language 1 and the Final Year Project. They are otherwise free to choose from a range of modules available in the participating subjects.

* NB: Students choosing Irish / Gaeilge must also study a continental language.

Career Opportunities

Employers in all areas of business, professional and public life are increasingly looking for graduates who can combine language skills with knowledge of European affairs. Our graduates work in areas such as:

- Public service either in Ireland or within the European Union (eg. European Parliament, Enterprise Ireland, Houses of the Oireachtas)
- Business management with Irish and European companies (eg. Jones Recruiting)
- Banking and financial sectors (eg. AIB)
- Tourism and leisure industries (eg. Berlin Tourism Marketing, Clare Tourism)
- Language Teaching (incl. secondary schools if the European Literature & Film stream is chosen)

All of these career opportunities are expanding rapidly and new possibilities will continue to open as the 'new' Europe develops over the coming years.

Follow-On Study

Many graduates of the BA in European Studies go on to do postgraduate work of one kind or another. For some this means university-based or other professional education – good examples being a postgraduate teaching qualification or a diploma/degree in journalism.

For others, the European element predominates and this can lead naturally to one of the many related Masters degrees such as UL's Double Degree MA in European Studies (in co-operation with the Europa Universität Flensburg, Germany). The range of postgraduate study possibilities for European Studies graduates also includes a wide variety of research opportunities.

LM040 Online

The student experience



Want to know more? Go to: www.ul.ie/courses/LM040.html



Student Profile

Jennifer Ess

Coming from Kilkenny, I chose UL because of the affordable costs of living, the amazing campus and its location, and the facilities that UL offers. What I like most about European Studies is the variety of subjects to study, as well as the inclusion of languages. Having the option to study a language throughout the four years was also desirable as I had a keen interest to continue German from school. UL's Language Learning Hub is a great resource for language students and allows you to embrace the language even further.

Choosing to study at UL has provided me with several opportunities, the most important ones being ERASMUS/Study Abroad and Coop work experience. I really enjoyed my ERASMUS experience in Germany where I studied at the Ruhr Universität Bochum for 6 months. While there, I travelled a lot and visited cities like Aachen, Essen and Düsseldorf. I embraced the German culture and language and really tried to immerse myself in the country. My command of the language also improved even further.

My coop placement in Hamburg was my first time working in a professional environment. As a Content Management intern with Dreamlines GmbH, my role was tasked with managing the data on their busy website. The experience prepared me for future employment, and gave me confidence and independence as I was living abroad alone for the first time. I improved many skills while on my placement such as problem-solving and communication, and learned so much as part of an international team. Because of Co-Op, I know what is expected of me as an employee, and what it is like to work in a professional environment.

Key Fact

Brexit will mean more direct interaction with the EU. This UL degree is one of the longest established European Studies programmes in Europe.

LM044 Bachelor of Arts in Applied Languages

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Ealaíon Ó Teangacha Feidhmeacha

Course Info

CAO Points 2020: 442

Course Length: 4 Years

Course Director: Dr. Jean Conacher

Enquiries

Email: MLAL@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: H3 (French, Gaeilge, German, Japanese, Spanish)

Maths: F6/O6/H7

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathways

Note: Applicants must hold a minimum Grade H3 in French OR German OR Irish OR Japanese OR Spanish.

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

About You

Do you enjoy speaking languages and finding out about the countries in which they are spoken? Are you also interested in language itself? Why languages are different, why people in different places speak differently, how we communicate? Do you enjoy travelling and getting to know other cultures in depth? Would you like to study three languages or combine your study of two languages with subjects like Marketing or Politics and International Relations? Would you like to acquire specialist skills, such as Teaching English to Speakers of Other Languages (TESOL) or Technical Communication while you study languages?

If this sounds like you, then Applied Languages at UL could be the course for you.

Why study Applied Languages at UL?

This programme aims to produce graduates with a high level of competence in at least two languages combined with a specialist knowledge of the societies in which those languages are spoken. The course also offers the unusual opportunity to take three languages to degree level. Graduates will also possess professional expertise in an area such as Marketing, Politics and International Relations, Teaching English to Speakers of Other Languages (TESOL) or Technical Communication.

What you will study

The Applied Languages programme is a four-year programme, divided into eight semesters. In each semester you will study: two languages (Language A and Language B); 1-2 compulsory modules (e.g. Linguistics 1 and 2, Language Technology, Applied Languages Project); and 2 elective modules. Firstly, you choose a professional subject: A third language, Marketing or Politics and International Relations; secondly, you choose from a range of literature modules in a language you are studying, or cultural studies modules.

Semesters 1, 2 and 3: You will spend the first three semesters in UL, building a foundation in your two (or three) chosen languages and the societies in which these languages are spoken, as well as in Linguistics, which is the science of language, and in your elective subjects.

Semesters 4 and 5: You will spend semesters 4 and 5 away from UL. You will be on a work placement for the first semester (cooperative education) and you will be studying in a university for the second semester (external academic placement). Working and studying abroad gives you a fantastic opportunity to deepen your linguistic skills and cultural knowledge. Students generally divide their time between their two main languages; so if German and Spanish are your main languages, you could spend your cooperative education in Spain or Argentina, for example,

and spend your external academic placement in a German-speaking country. If you are studying Irish, you may be working in the Gaeltacht or in Irish-medium schools and media organisations. Whatever your language combination, you will get plenty of advice and guidance about these choices and you will start planning them well in advance.

Semesters 6, 7 and 8: During semesters 6, 7 and 8, you will acquire a deeper understanding of the historical, political, economic and cultural factors that have shaped the societies in which your two languages are spoken, while also continuing the study of these languages to a high level of proficiency. You will also acquire specialised, advanced skills such as interpreting and translating. In addition, you have the opportunity in your last 3 semesters to continue the study of your third language/ politics and international relations/marketing, or you can choose to specialise in Teaching English to Speakers of Other Languages or Technical Communication. You can also choose to study literature modules in your second language. In addition, you can choose from a variety of interesting electives in the areas of linguistics, media, sociology, literature and film.

Applied Languages - Q & A

What does Applied Languages mean?

The term 'Applied Languages' is commonly used to describe degrees which produce graduates with a high level of proficiency in their chosen languages and an in-depth understanding of the culture and society where they are spoken, combined with an appreciation of how they might best be used in a range of professional contexts at home and abroad.

How many languages can I take?

You must take 2 languages; you can take a third as an option. At least one language must be taken at advanced level. The exceptional opportunity offered by this course to study three languages to degree level is one of its most attractive features for students who wish to pursue careers as language professionals.

Which languages can I take?

As core languages you can choose two from French, German, Irish, Japanese and Spanish. French and Irish are only available at Advanced level (i.e. post Leaving Certificate or equivalent); the other languages are available at both Advanced and Beginners' level. If you would like to take a third language, you can take any of the above.

It is particularly important when learning foreign languages that you keep working regularly rather than "cramming" in the week before exams.

What elective options can I take?

From Year 1, a third language (as above), Marketing or Politics and International Relations. In Year 3, you can continue with these, or take up Technical Communication or Teaching English to Speakers of Other Languages.

Will I spend time abroad at university or working?

Yes! You will spend at least two six-month periods on work placement and study abroad. It is also a good idea to take advantage of holiday periods to spend more time living in the countries where your chosen languages are spoken. This is particularly important if you decide to take three languages. You might do a summer job or take a language course – it's your choice.

Career Opportunities

Careers open to you with a degree in Applied Languages include:

- Translating and interpreting
- Communications, media and public relations
- English Language Teaching
- International business, marketing, exporting
- Information and Communication Technologies
- Further study with a view to professional qualification (e.g. Speech and Language Therapy – Professional Masters in Education, subject to meeting requirements).
- Postgraduate Research leading to enhanced professional or academic career

Applied Languages graduates are highly attractive to employers because of their mix of proficiency in more than one language, excellent communication and intercultural skills, and experience of living and working overseas.



Graduate Profile

Kevin McCarthy

Languages are my livelihood. Studying Applied Languages at UL allowed me to learn two completely new languages – Spanish and Japanese – as well as building on my French. Obviously, spending time abroad is an important part of the language-learning process, and my year abroad proved invaluable in this regard. I spent one semester at the Université d'Orléans in France, and then 6 months in Argentina on a Co-op placement organised by UL. While at UL, I also won a scholarship that enabled me to study in Japan.

With 24 official EU languages, language training is central to my job here in Brussels so I'm currently taking classes in Dutch.

If you have a passion for travel and language-learning, I can wholeheartedly recommend studying Applied Languages at the University of Limerick. The lectures are interesting and interactive, and the language-learning technology is top notch. Once you graduate with this degree, you'll be able to travel the world. Who could ask for more?

Kevin currently works as a Conference Interpreter at the European Commission in Brussels.

LM044 Online

The student experience



Course description



Want to know more? Go to: www.ul.ie/courses/LM044.html

Key Fact

This programme aims to provide you with a high level of competence in at least two languages, combined with a specialist knowledge of the societies in which those languages are spoken plus professional expertise and experience in a multilingual environment.

Faculty of Education & Health Sciences

Dámh an Oideachais agus na nEolaíochtaí Sláinte



Key Fact

University of Limerick is ranked in the top 175 for education programmes

*source: THE World Rankings 2021

If you are interested in sport and exercise sciences, in psychology, in post-primary teaching, or maybe working in the medical and allied health professions, you will find some of the most progressive programmes in these fields at the Faculty of Education and Health Sciences.

Nursing and Midwifery Summer Camp

In June of each year, the Department of Nursing & Midwifery host a Summer Camp which is open to post-junior cert students interested in pursuing a career in nursing or midwifery. The camp involves interactive and fun sessions in the state-of-the-art clinical skills laboratories, introducing students to the different disciplines of Nursing (General, Mental Health and Intellectual Disability) and Midwifery. Sign up to the next camp and find out if nursing or midwifery might be the career for you!

www.ul.ie/nm



LM089 Bachelor of Science in Sport and Exercise Sciences

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Eolaíochta i Spórt & Eolaíochtaí Acláiochta

Course Info

CAO Points 2020: 474

Course Length: 4 Years

Course Director: Dr. Tom Comyns

Enquiries

Email: pess@ul.ie

Tel: 00 353 61 202591

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Science: O3/ H7 grade in any one of the following: Physics, Chemistry, Physics with Chemistry, Agricultural Science, Biology, Physical Education and Applied Maths.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: While a high level of sports performance and achievement is not required, it is essential that you should like science, along with sport, exercise and physical activity.

Note: Mature applicants are required to undertake the Mature Students Admissions Pathway (MSAP) test. There is one sitting of the test annually. Further details, including test date and test centres, are available from msap-ie.acer.edu.au

Why study Sport and Exercise Sciences at UL?

This programme will give you an in-depth knowledge and understanding of the key elements of sport, exercise, health and physical activity from the perspective of the sciences. Throughout the programme, you will study the science behind safe participation and effective performance in physical activity and sport. The application of science plays a major role in the preparation of the modern sports performer. The effects of training methods on the physiological systems of the body for improving strength, speed, endurance, skill and how to perform under stress are constantly being investigated and improved upon by sport scientists. The application of science however is not reserved for elite performers. It is well recognised that lack of exercise or physical activity plays a major role in many diseases that affect us e.g. cardiovascular disease, obesity, high blood pressure, type 2 diabetes, osteoporosis and certain cancers. In addition to improving performers, sport and exercise scientists are also engaged in examining the effects of various types of exercise programmes and activities on health and also on the treatment and prevention of disease by means of physical activity. They are also concerned with the psychological

benefits of exercise and with how to motivate people to exercise frequently and regularly.

What you will study

The Bachelor of Science in Sport and Exercise Sciences is a four-year programme which includes an eight month period of work experience (Cooperative Education) in relevant work placements during the third year. The first year of the course provides a transition and immersion into the Sport and Exercise Sciences. You will undertake broad modules under the themes of "What makes an Olympic Champion?", "Why is exercise good for health?" and "What are the determinants of human performance?". These themes are explored under each of the core disciplines within Sport and Exercise Science including physiology, anatomy, psychology, biomechanics and coaching science and provide a foundation for these and other disciplines such as mathematics and physics which enable deeper understanding in years 2, 3 and 4. Laboratory experience is an integral part of each of these core areas of study where you will test concepts and theories and acquire laboratory and research skills. In the first two years, you will study and experience selected sports and

modes of exercise and training. Here, you will have an opportunity to improve personal performance and prepare for coaching awards and certification. In second year an elective subject is selected and you will take two modules in either Law or Computer Science. Year 4 of the programme allows students to select modules based on their interests. All students will undertake a research project module in both semesters of year 4 related to an aspect of sport and exercise science. Students then will select 3 out of 4 modules in semester 1 and 2 out of 4 possible modules in semester 2. All of the modules relate to aspects of sport and exercise sciences, such as biomechanics, physiology, psychology, exercise is medicine and strength and conditioning.

LM089 Online

The student experience



Want to know more? Go to:
www.ul.ie/courses/LM089.html

Career Opportunities

Careers open to you with a degree in SES include;

- Sport Scientist
- Exercise Physiologist
- Biomechanist
- Nutritionist
- Sport Psychologist
- Strength & Conditioning
- Sports Coach/Instructor
- Health Promotion Officer

The following are some of the areas that graduates have gone to:

- Sport science advisors
- Performance Analysts
- Strength & conditioning coaches
- Fitness coordinators, sport development officers and sport administrators with organisations like the Sports Ireland, IRFU, GAA, FAI, Swim Ireland and Basketball Ireland
- Health Promotion and Research Officers with the Health Service Sports media/journalism including print and television
- Consultants in sport performance, health and fitness, nutrition
- Biomedical science, biomedical engineering, ergonomics, medical physics
- Lecturing and researching in the areas of sport, exercise science, health science and other related fields
- Research and marketing with sport and exercise manufacturing industry, e.g. equipment, food, drink, clothing, footwear
- Others are working very successfully outside sport. Employers recognise that having obtained a good degree in Sport and Exercise Sciences, graduates have skills and abilities that can be applied in other fields after undergoing appropriate training.



Follow-On Study

Related postgraduate courses might include Taught MSc degrees in areas like;

- Sports Performance
- Sport & Exercise Psychology
- Clinical Exercise Physiology
- Strength & Conditioning
- Nutrition/Dietetics
- Coaching
- Physiotherapy
- Clinical Therapies
- Professional Masters in Education – Physical Education



Student Profile

Aimee McInerney

This is a challenging degree. You will gain extensive knowledge in areas such as elite performance, coaching strategies and exercise prescription. For me, the most enjoyable aspect is the practical elements offered throughout each year.

For my co-op placement, I went to the PEAK Centre for Human Performance in Ottawa, Canada. I worked with several clients and trained them to reach their specific goals. I had to test them, provide consultations, design monthly strength and conditioning programmes and offer a personal training service over three months. My clients included a marathon runner, iron man competitor, and a swimmer.

It was an amazing experience to work with sports people at both elite and recreational level. Also, the chance to explore a different country was amazing. Canada was one of the best experiences of my life.

More Info

Follow the link below to find the FAQ (Frequently Asked Question) section and all required information on the BSc in Sport and Exercise Sciences at UL: www.ul.ie/courses/SportAndExerciseSciences.php

LM090 Bachelor of Science in Physical Education

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta i gCorpoideachas

Course Info

CAO Points 2020: 532*

Course Length: 4 Years

Course Director: Dr. Elaine Murtagh

Enquiries

Email: pess@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* indicates that not all applicants who scored these points were offered places.

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: It is desirable that the candidate wishing to take a specific elective subject within this Degree should hold at least a Higher Grade H4, or an approved equivalent, in the relevant Leaving Certificate subject.

About You

If you are the type of individual that likes working with other people to help them improve, has a broad interest in sport and/or physical activity and health and would like to work with young people, then this programme might very well be for you.

Why study Physical Education at UL?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. The B.Sc. in Physical Education is one of the most popular undergraduate programmes in the University of Limerick. The programme is designed to qualify graduates as teachers of Physical Education along with a second subject in Irish Post-Primary Schools. Graduates of the programme are qualified to teach Physical Education and their second subject to Leaving Certificate level. The current second subjects on offer include English, Gaeilge, Geography and Mathematics.

What you will study

The central focus of this course is on teacher education and you will be educated to teach Physical Education, and your chosen elective option, along side your study of educational studies in contemporary society. Your placement in schools for blocks of teaching practice is viewed as an essential part of your professional development.

Physical Education

In the physical education part of the course, you will study human movement from the perspectives of kinesiology (science of movement), sociology, psychology, and philosophy, together with the art of teaching. The practical experience will involve you in a range of competitive, aesthetic, adventure and aquatic activities, which will enhance your effectiveness as a teacher.

Education

You will study various topics which will enable you to assess the effectiveness of your own teaching, and contribute to the evaluation of current and innovative educational methods.

LM090 Online

The student experience



Want to know more? Go to:
www.ul.ie/courses/LM090.html



Specialist Options

English

The four year programme in English offers a balanced and comprehensive view of selected writers and movements in the field of English, Irish and American literature and drama. Teaching is carried out through lectures, seminars, practical workshops and tutorials. You will be expected to take an active, constructive role in the development of courses and the management of your learning. Time is allowed for individual and group projects.

Gaeilge

Sa chúrsa Gaeilge, déantar stáidéar ar theanga agus ar litriocht na Nua Ghaeilge agus ar bhéaloideas na hÉireann. Leagtar béal faoi leith ar chabhrú le mic léinn a gcumas Gaeilge a fhorbairt agus a thabhairt chun cruinns, agus chuige sin moltar do mhic léinn na Gaeilge freastal ar chúrsaí a eagrófar dóibh sa Ghaeltacht i rith na laethanta saoire. Déantar obair an chúrsa céime seo trí mhéan na Gaeilge.

Geography

The four year programme provides a contemporary synthesis of third level Geography, so that graduates are fully prepared to teach the subject up to and including honours Leaving Certificate level. The programme aims to ensure that graduates are aware of the rich variety of opportunities offered by Human and Physical Geography to the teacher.

Mathematics

The Mathematics elective is a four year programme of study in mathematics and mathematics education. The programme is designed to develop your competence in Mathematics to the requisite level.

Subject Pedagogics

You will take courses in Subject Pedagogics in relation to your specialist options, in which you will consider the philosophy and practice of teaching these specialist options in the context of your teaching practice programme



Student Profile

Laura O'Sullivan

Sport is a hugely rewarding part of my life and I have always enjoyed an active lifestyle. On gaining some coaching experience in my community, I realized how enjoyable it is to work with and help young people to achieve. I wanted to know how to best teach young people, and how to enjoy and appreciate sport and exercise in the right ways. PE at UL offers practical experience in a great variety of sports and games, gymnastics, dance and aquatics, along with the key knowledge and teaching skills to enable you to apply this experience in both teaching and sporting contexts. What I like most about the course is the worthwhile and rewarding opportunities it offers to teach and coach - whether it's getting involved in community events, youth sport or working with people with disabilities. Such experiences have allowed me to prepare for a career in either teaching or coaching by applying newly-learned skills and knowledge in realistic settings, while interacting with people of varying ages, abilities and interests.

Key Fact

Graduates of the programme are equipped to teach Physical Education and another from a range of option subjects to Leaving Certificate. These subjects include English, Gaeilge, Geography and Mathematics.

LM091 Bachelor of Education in Languages

NFQ Level 8 Major Award: Honours Bachelor Degree

Baitsiléar san Oideachas i dTeangacha

Course Info

CAO Points 2020: 517

Average Intake: 20

Course Length: 4 Years

Course Director: Dr Jennifer Hennessy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: H3 (French, Irish, German, Spanish, Japanese)

Maths: F6/O6/H7

Other: —

- Additional info:
- Student Vetting
 - Fitness to Practise
 - QQI Pathway

Note: Applicants are required to hold at least the following in the Leaving Certificate, or an approved equivalent: H3 in Higher Level French or German or Irish or Spanish or Japanese

About You

If you are considering a career in teaching and have a strong interest in languages, this may be the course for you. This four-year programme attracts students who have excellent communication skills, and are strongly motivated and passionate about languages teaching.

Why study Bachelor of Education in Languages at UL?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. The aim of the programme is to equip students with the skills and aptitudes for a successful career as a languages teacher.

What you will study:

This programme will provide opportunities for school-leavers with proven ability and interest in languages to acquire a high level of cultural and communicative competence in two languages. The languages students can choose from are: French (advanced), German (beginner and advanced), Irish (advanced), Spanish (beginner and advanced), Japanese (beginner and advanced).

Applicants must have a minimum of H3 in one of the language subjects listed but not both. In the scenario where the student has the H3 in one language only, they can take that language at advanced level and the second language at beginner level. The programme includes a number of school-based school placements. These include an eight week placement in the spring semester of year two and a ten week placement in autumn semester of year four. These placements are designed to provide you, the student teacher, with practice-based opportunities for professional development supported via the supervision of faculty members of the University.

Please note that in order to register with the Teaching Council of Ireland graduates will need to provide verifiable evidence of an immersive educational experience in each curricular language of a minimum of four weeks duration. This may be accessed in two blocks, each of which must be at least two weeks and must be completed across non-academic term time. At least one of these blocks must be in a setting where the language is the vernacular language of the region/country.

By the end of this course, graduates will:

- Demonstrate the required skills to competently and confidently teach through the target languages.
- Apply their professional knowledge base to planning and implementing appropriate teaching, learning and assessment strategies.
- Observe, reflect and critique practice in a variety of educational settings as well as engaging in non-teaching activities.
- Demonstrate the professional competencies identified in the Teaching Council's Codes of Professional Conduct for Teachers.
- Exercise sound judgement based on well considered educational principles in their planning, design and delivery of relevant disciplinary based teaching and learning experiences in second level schools.
- Develop the personal and interpersonal skills necessary to promote the academic, social and personal development of students in their care.



Career Opportunities

Graduates of this programme will be qualified to teach their chosen languages at both Junior Certificate and Leaving Certificate level. Graduates achieving an adequate standard may also proceed to obtain a higher degree by research.

Follow-On Study

Graduates have the opportunity to pursue further study in the disciplines of Languages or Education. In addition, graduates can register for higher degrees by research in either Languages or Education that lead to Masters or PhD qualifications.



Key Fact

This programme will educate students with the skills and aptitudes to become successful language teachers of two languages at both Junior Cert and Leaving Cert level.

LM092 Bachelor of Science with concurrent Teacher Education (Biology with Chemistry OR Physics OR Agricultural Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i gcomhthráth le hOideachas Müinteoirí (Bitheolaíocht le Ceimic NÓ Fisic NÓ Eolaíocht Talmhaíochta)

Course Info

CAO Points 2020: 507

Course Length: 4 Years

Course Director: Dr John O'Reilly

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 grade in at least one of the following: Biology; Physics; Chemistry; Physics with Chemistry; Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you are considering a career in teaching and have a strong interest in science, this may be the course for you. This four-year programme attracts students who have excellent communication skills, and are strongly motivated and passionate about science teaching.

Why study Teacher Education (Biology and Chemistry or Physics or Agri Science) at UL?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. The aim of the programme is to educate young teachers and help them develop the skills and aptitudes to confidently face the challenges of science teaching. When you graduate from the programme you will be qualified to teach;

- Biology to honours Leaving Certificate level
- Chemistry or Physics or Agricultural Science to honours Leaving Certificate level
- General Science to Junior Cycle level

What you will study

The programme is four years in duration and is based on the concurrent model of teacher education, in which educational studies and studies in biology, along with your chosen elective (chemistry or physics or agricultural science) are combined with periods of school placement in which you will gain experience of teaching. The first year of study provides a foundation in:

- Chemistry
- Physics
- Biology
- Mathematics
- Education

You will study education theory and practice which will equip you with teaching aptitudes and skills on which you will build a sound philosophy and approach to teaching including a focus on preparing you to teach the revised science specification at junior cycle. During the spring semester of year two, you will undertake the first of your two teaching practice placements for six weeks in a second level school. In third year further pedagogical preparation will focus on the two subjects you have chosen to leaving certificate level, including consideration of future revisions in specifications. Your second placement will be in semester 1 of the final year, for 12 weeks. During these placements, you will teach junior or

senior science topics to second level pupils, and you will be supervised by UL academic staff.

After Year 1, you will specialize in the more advanced study of biology, and either chemistry OR physics OR agricultural science. Throughout the four years, there is a strong emphasis on acquiring practical scientific skills through laboratory work, field work and assignments. In your final year, you will select a research topic. This will develop your skills in analysis, problem solving and scientific writing. The science pedagogics modules in your degree have been designed in close collaboration with the National Council for Curriculum and Assessment (who designed the new specifications) and the Junior Cycle for Teachers (who are tasked with associated professional development for teachers). In addition the course director was a member of the development group that designed the junior cycle specification. This ensures that graduates are thoroughly prepared for the totality of science education in Irish schools which is well aligned with international best-practice.

For further details, go to www.scieng.ul.ie/departments/life-sciences/courses/

Career Opportunities

Graduates of the degree programme are eligible for appointment to all second level schools (vocational, secondary, community and comprehensive schools), and for registration with the Teaching Council. The primary aim of the programme is the attainment of a professional competence in teaching, and the majority of graduates pursue a career in second-level science teaching.

A number of our graduates have taken up appointments in teaching-related areas or areas outside teaching, including the IT software industry, industrial training, specialist science based sales sectors and environmental science. Graduates of this programme have also undertaken further study leading to postgraduate qualifications at Graduate Diploma, Masters and PhD levels.

LM092 Online

Want to know more? Go to: www.ul.ie/courses/LM092.html

Offered jointly by the Faculty of Education and Health Sciences, and the Faculty of Science and Engineering.



Graduate Profile

Jack Corrigan

A Day in the Life Of... a Science Teacher

I am a full-time teacher of science and biology. My work-load varies from day-to-day depending on my time table. In general I start with some prep work followed by classes. Corrections, administration work, preparing experiments and marking exams are all part of the job. Teaching also involves liaising with parents, other teachers, guidance counsellors and other professionals. In my non-contact hours I am involved in pastoral care, coaching, Young Scientist and various extracurricular activities with the students. There are also parent teacher meetings, exam supervision and many other tasks associated with the teaching life. Though sometimes demanding and challenging, teaching can be very rewarding.

My course at UL prepared me superbly for my career as a teacher - it allowed me to study both Education and Science concurrently, so that on graduating, I was fully qualified and ready for the workplace without the need to do a postgraduate course.

Jack's tip:

If you want to be a Science Teacher, put your best foot forward particularly on your teaching practice, because this is the place where you learn your trade, network and make connections that can be hugely beneficial to you in your later career. Enjoy your student years - take all UL has to offer you. It's an opportunity to explore who you are, to get to know yourself and make new friends.



Student Profile

David Tidswell

The highlight of the course is definitely the teaching placement in which you are immersed completely in a school environment. During these placements, I developed great confidence in my teaching ability. The experience helps you to discover the kind of teacher you are and learn more about yourself as a person.

Here at UL, various learner support systems are in place to help those having difficulty with subjects they may not have done for Leaving Cert. Personally, I had never studied Physics at school and found that by dropping in to the Science Learning Centre, I was well able to keep up with classmates. UL has truly been THE best time of my life and choosing this course has definitely helped in making it the enjoyable experience it has been.

Key Fact

Graduates of this degree programme are eligible for appointment to all second level schools (vocational, secondary, community and comprehensive schools), and for registration with the Teaching Council.

LM094 Bachelor of Technology (Education) in Materials and Architectural Technology

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Teicneolaíochta (Oideachas) Ábhair & Teicneolaíocht Ailtireachta

Course Info

CAO Points 2020: 440

Course Length: 4 Years

Course Director: Dr Keelin Leahy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 grade in at least one of the following: Applied Mathematics; Biology; Physics; Chemistry; Construction Studies; Engineering; Physics with Chemistry; Agricultural Science; Technology; Technical Drawing/Design & Communication Graphics and Computer Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you are interested in problem solving, design-based activities, teaching within the Technology Education suite of subjects, and enjoy working with people, then this course may be for you.

Why study Technology Education in Materials and Architectural Technology at UL?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. This is a teacher education programme which aims to provide you with the opportunity to become a successful teacher of technology subjects at second level. These subjects include;

Junior Certificate

- Wood Technology, and Technology and Graphics

Leaving Certificate

- Construction Studies
- Design & Communication Graphics

What you will study

The programme is four years in duration and includes a number of school-based school placements. These include an eight week placement in the spring semester of year two and a ten week placement in autumn semester of year four. These placements are designed to provide you, the student teacher, with a genuine opportunity for professional development under the supervision of faculty members of the University.

There are four streams of learning in the programme. These streams address the key knowledge areas for initial teacher education in this field. These streams are;

- Education
- Technology
- Design & Communication Graphics
- Architectural Design

Throughout the programme, your knowledge, skills, values and attitudes in each of these areas are continually developed while placing a strong emphasis on your development as a

critical thinker, a reflective practitioner and a skilled teacher. The module content has been developed to address the requirements of the Leaving Certificate and Junior Certificate syllabuses in the Technology subjects.

The first two years of study provide a foundation in Design, Problem solving, Education, Materials processing, Technical Graphics, and Mathematics. In year three and four you will continue to study Education as well as Architectural Technology, and Design and Communication Graphics. You will also complete a research-driven module, which gives you an opportunity to reflect on your School Placement experiences and propose how to develop an aspect of your discipline or you as a professional.

To find more go to <https://www.ul.ie/courses/bachelor-technology-education-materials-and-architectural-technology>

Career Opportunities

As a teaching degree, graduates of this programme are qualified for appointment to all second level schools (vocational, secondary, community and comprehensive schools), and for admission to the open register of the Registration Council for Secondary Teachers.

Follow-On Study

Graduates from the programme have the opportunity to pursue further study in the disciplines of Education and Applied Technologies. There are a number of taught masters degree programmes in UL that can be taken by graduates of the programme. In addition, graduates achieving the required standard can register for higher degrees by research.



Student Profile

Patrick Kelly

I developed a great interest in technology subjects from an early stage in school. I really loved Materials Technology Wood and drawing, but I also enjoyed working with other students and teachers, so I felt that this course would be a good option for me. The course itself is fast-paced and challenging, but very enjoyable and rewarding. There is a great mix of practical and project work throughout the four years. The lecturers are very helpful and supportive and are always ready to lend a hand.

Design and creativity are strongly encouraged throughout the course, along with an emphasis on teaching and learning. All aspects of the course are linked to education; during the teaching placement, one gets a great chance to experience school life and teaching in front of a class. I feel that I have been given a great chance to develop as a professional and as a person before starting out in my teaching career.

Key Fact

As a STEM (Science, Technology etc) programme, graduates are accredited by the Teaching Council of Ireland to teach Technology subjects at second level.



LM095 Bachelor of Technology (Education) in Materials and Engineering Technology

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Teicneolaíochta (Oideachas) Ábhair & Teicneolaíochta Ailtireachta

Course Info

CAO Points 2020: 367

Course Length: 4 Years

Course Director: Dr Jason Power

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science:

O4/H7 in at least one of the following: Physics; Construction Studies; Engineering; Physics with Chemistry; Technology; Technical Drawing/Design & Communication Graphics; Computer Science; Agricultural Science; Applied Maths; Biology; Chemistry

Additional info:

- Student Vetting
- Fitness to Practise
- Mature Pathways
- QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you are interested in modern technologies and have a flair for working with people, then this programme might suit you.

Why study Technology Education in Materials and Engineering Technology at UL?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. The reputation of our graduates and their tradition of success are well established in schools around Ireland.

This degree with specialism in the teaching of Engineering and Technology, is designed to produce graduates with technological and engineering skills to satisfy the needs of the Irish

LM095 Online

The student experience



Want to know more? Go to:
[www3.ul.ie/courses/
MaterialsAndEngineeringTechnology.php](http://www3.ul.ie/courses/MaterialsAndEngineeringTechnology.php)

Year 1:

The first year concentrates on developing essential knowledge and skills in the key areas of Education, Manufacturing Technology, and Technical Graphics, in addition to the related areas of Mathematics, Materials Science, Electrotechnology.

Year 2:

The start of year 2 sees preparation for school placement and introduces the concept of Design. Semester four features eight weeks of school placement preceded by four weeks preparation.

Year 3:

The areas of Materials Technology, Electronics, Automation as well as advanced topics in Manufacturing Technology and Technical Graphics are the focus of year 3. There is a particular emphasis on design based learning and problem solving as well as the teaching of these activities in schools. Education & Society is also explored.

Year 4:

In the fourth year of the programme, you will further develop your teaching skills and develop the research skills required to investigate your professional practice when you graduate. Semester seven includes ten weeks of teaching practice. The final semester deals with advanced topics in education and technology.

To find out more, go to [www3.ul.ie/courses/
MaterialsAndEngineeringTechnology.php](http://www3.ul.ie/courses/MaterialsAndEngineeringTechnology.php)

Career Opportunities

As a teaching degree accredited by the Teaching Council of Ireland, graduates of this programme are eligible for appointment to all second level schools (vocational, secondary, community and comprehensive schools). Graduates will be able to teach Engineering, Design and Communications Graphics & Technology. A recent HEA survey found that education graduates have the highest starting salary of any group of graduates.

Follow-On Study

Graduates have the opportunity to pursue further study in the disciplines of Engineering or Education. There are a number of taught masters degree programmes in UL that can be taken by graduates of the programme. In addition, graduates can register for higher degrees by research in either engineering or education that lead to masters or PhD qualifications.

Offered jointly by the Faculty of Education and Health Sciences, and the Faculty of Science and Engineering.



Graduate Profile

Diarmuid McCarthy

Since I graduated from UL, I've been teaching at a post-primary school where my task was to introduce the new subject Technology at both Junior and Leaving Certificate.

Teaching Technology is most enjoyable as we cover the subject though a mix of theory and practical classes. The subject is taught to all pupils, so I have all 6 different year groups at various times during the week. Part of my job is to manage the material and component stocks that are involved in teaching this practical subject. This involves managing the budget and ordering from a range of suppliers to ensure best value can be obtained.

Our school encourages teachers to get involved in extra-curricular activities and I am involved with two GAA teams in the school. This often involves taking the pupils to matches. I really enjoy this and it is a great way of building up a rapport with the students. As the school teams train outside of school hours, teachers will remain back after school on certain evenings to put the students through their paces.

Diarmuid's tip:

Choose a career that will play to your strengths. Don't settle for a career that you are not truly happy in; retirement will be a long time coming!



Student Profile

Eoin Smyth

This course is very broad - in a single day, you could program a robot, learn a new method of teaching and design a new project. Material science is explored, electronic circuits are designed, detailed technical drawings are produced, and each opportunity adds to your development as a teacher. Having never studied technical graphics in school, I was able to develop my skills in this area while never feeling I was behind anyone of my colleagues.

The projects here are really interesting - I designed and made a robotic aluminium scorpion which I will program and control remotely either using a smart phone or a laptop - something I would only have dreamed of before entering the course.

So far, I've been on two blocks of school placement. These classroom experiences give you the opportunity of dealing with new pupils and colleagues. I've realised that even as a teacher, you are constantly learning, as you deal with new situations every day.

Key Fact

This teaching degree is the only course of its kind in Ireland and is unique to UL. You can go straight into teaching after graduation - no further study at postgraduate level is required.

LM096 Bachelor of Science with concurrent Teacher Education (Physical Sciences with Chemistry AND Physics)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta i gcomhthráth le hOideachas Múinteoirí (Eolaíochtaí Fisiceacha le Ceimic AGUS Fisic)

Course Info

CAO Points 2020: 405

Course Length: 4 Years

Course Director: Dr. John O'Reilly

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 in at least one of the following: Biology; Physics; Chemistry; Physics with Chemistry; Agricultural Science

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

Why study Teacher Education - Physical Sciences with Chemistry AND Physics?

UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. Graduates of this Science Teaching programme are qualified to teach the following subjects in all Irish second level schools.

- Leaving Certificate Physics
- Leaving Certificate Chemistry
- Leaving Certificate Physics with Chemistry
- Junior Cycle Science

The programme is designed to produce a graduate who is highly educated and capable both academically and professionally, and who will be prepared to meet the challenges involved in teaching the physical sciences.

What you will study

In common with other teacher education programmes at the University of Limerick, this degree programme is based on the concurrent model. Academic and professional studies proceed together throughout the course and modules in the core science subjects are taken.

The first two years of study provide a foundation in Chemistry, Physics, Biology, and Mathematics in addition to Education and Pedagogics. The latter

will focus on preparing students to teach the revised science specification at junior cycle.

In the third and fourth years, you will continue to study physical sciences at a more advanced level along with further modules in Education. This will include detailed preparation in the revised physics and chemistry senior cycle specifications.

The science pedagogics modules in your degree have been designed in close collaboration with the National Council for Curriculum and Assessment (who designed the new specifications) and the Junior Cycle for Teachers (who are tasked with associated professional development for teachers). In addition the course director was a member of the development group that designed the junior cycle specification. This ensures that graduates are thoroughly prepared for the totality of science education in Irish schools which is well aligned with international best-practice.

In the final year, you will undertake a project which may be in the area of Physics, Chemistry, Science Education, or Educational Theory. As part of this work you are required to demonstrate abilities in research, literature review, analysis, synthesis and interpretation of research findings as applied to the selected topic. This will develop your capacity to act as a researcher of your professional teaching practice, a key

focus of both the Teaching Council and the School Self-Evaluation Process facilitated by the Inspectorate.

There are two periods of teaching practice placement during the course. The first, of six weeks, occurs in Year 2, and the second, of ten weeks, occurs in Year 4. During teaching practice, you will be supervised by an academic staff member and undertake assigned coursework.

To find out more, go to www3.ul.ie/courses/PhysicsAndChemistryEducation.php

LM096 Online

The student experience



Course description



Want to know more? Go to: www.ul.ie/courses/LM096.html

Career Opportunities

This programme has been fully accredited by the Teaching Council. Graduates of this programme are qualified for appointment to all second level schools (vocational, secondary, community and comprehensive schools), and for admission to the open register of the Registration Council for Secondary Teachers. Graduates achieving an adequate standard may also proceed to obtain a higher degree by research.



Key Fact

This programme has been fully accredited by the Teaching Council.

LM097 Bachelor of Science (Education) in Mathematics and Computer Science

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Eolaiochta (Oideachas) sa Matamaitic agus Ríomheolaíocht

Course Info

CAO Points 2020: 402

Average Intake: 20

Course Length: 4 Years

Course Director: Dr Niamh O'Meara

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Other: —

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

This degree, with a specialism in teaching Mathematics and Computer Science, is designed to produce graduates with the mathematical knowledge and skills to satisfy the needs of Irish second-level schools in teaching the mathematics curriculum at both Junior and Senior Cycle. Graduates will also be qualified to teach the new Leaving Certificate Computer Science curriculum, as well as short courses in coding and digital literacy for Junior Cycle.

Why Study Science Education in Mathematics and Computer Science at UL?

This programme is accredited by the Teaching Council of Ireland. UL's School of Education is the largest post-primary teacher education provider in the state and is ranked in the top 100 universities in the world for Education programmes. As a graduate of this programme, you will be;

- Equipped with the skills necessary to teach a brand new Leaving Cert subject;
- Amongst the first teachers qualified to teach Computer Science in Ireland;
- Highly skilled in IT and mathematics should you choose not to teach;
- Well placed to avail of many opportunities for further study in UL and elsewhere, stemming from the programme.

What You Will Study

The course is four years in duration and offers streams in the following subject areas:

- Education
- Mathematics
- Statistics
- Computer Science

In relation to mathematics, you will study topics including Differential and Integral Calculus; Statistics and Probability; Algebra and Geometry, all of which is in line with Teaching Council requirements for mathematics teachers. For Computer Science, students on the course will study topics in Programming; Software Development; Web Development; Computer Graphics and Data Structures and Algorithms and will consider best international practice in the field of Computer Science.

Education modules on the programme will help develop your understanding of how young people learn; contemporary issues in education; classroom practices; planning for learning; inclusive education and curriculum and policy issues. The course also includes two blocks of school placement where students will spend time in schools teaching both mathematics and computer science to all year groups.



Career Opportunities

Graduates of this programme will be eligible for appointment to all second-level schools (vocational, secondary, community and comprehensive). The Teaching Council have accredited the mathematics and education components of the programme and are currently finalising criteria for Computer Science teachers. Our programme will be reviewed in light of these, when finalised. Furthermore, graduates of the programme, who will have a strong mathematics and computer science background will have wider opportunities available to them in the software industry.

Follow-On Study

Graduates have the opportunity to pursue further study in the disciplines of Mathematics, Computer Science, or Education. There are a number of taught Masters degrees in UL. In addition, graduates can register for higher degrees by research in either Mathematics Education or Computer Science Education that lead to Masters or PhD qualifications.

Key Fact

The School of Education at UL is one of the largest suppliers of teachers in Ireland. As a graduate of this programme, you will be equipped with the skills necessary to teach Mathematics and Computer Science in second level schools.

LM100 Bachelor of Science in Physiotherapy

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta Fisitriple

Course Info

CAO Points 2020: 589*

Course Length: 4 Years

Course Director: Dr Sara Hayes

Enquiries

Email: schoolalliedhealth@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* Indicates that not all applicants who scored these points were offered places.

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Science: O3/H7 in the Leaving Certificate in any one of: Physics, Chemistry, Physics with Chemistry, Physical Education, Biology, Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: As the entry is on a competitive basis for 30 places the actual entry level will generally be substantially higher than the minimum requirements.

About You

If you are the type of person who enjoys working with people and has good communication skills; if you have an interest in working with people who are ill or disabled and would like a practical, hands-on, challenging career, then this programme might suit you.

Why study Physiotherapy at UL?

This programme is designed to prepare graduates who will contribute to the development of Physiotherapy worldwide through their ability to act as competent, reflective and innovative practitioners, and through their expertise in evidence-based practice. Interprofessional education is incorporated throughout the programme and there will be opportunities for you to engage in shared learning with other students at the University of Limerick, and undertake a wide variety of supervised clinical placements. The programme is approved by CORU, and accredited by the Irish Society of Chartered Physiotherapists. In 2018 we were awarded the national DELTA award for excellence in inter-professional education.

What you will study

The Bachelor of Science in Physiotherapy is a four-year degree programme which includes a total of 28 weeks clinical practice. The first year provides a foundation in Anatomy and Physiology, communication and behaviour, and an Introduction to Physiotherapy Practice. Over the remaining three years you will undertake studies in the various disciplines of physiotherapy including cardiorespiratory care, clinical neurology and musculoskeletal disorders for people across the lifespan. Research and evidence-based practice are core elements underpinning the programme.

To find out more, go to <https://www.ul.ie/schoolalliedhealth/welcome>

LM100 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM100.html



Frequently Asked Questions

What can I do to ensure I have chosen the right career?

Physiotherapy is a wide ranging and varied profession and you are strongly encouraged to seek some work experience in a hospital to increase your knowledge of the wide spectrum of the profession.

Do you need to be interested in sport to be a physiotherapist?

You do not need to be athletic or involved in sport to be a physiotherapist. Sports Physiotherapy is just one possible area of clinical specialism for physiotherapists. You will have the opportunity to learn and practice across the spectrum of clinical care from infants right up to the very old.

How intense is the course?

Because the course leads to a professional qualification the level of the work load is high compared to many other courses at UL.

Are some school subjects more useful than others?

Students who have studied Biology often find it an advantage during their first year of study.

How many places are there on the programme?

Currently there are 30 places available, which includes 3-5 places for mature entry students.

Where do students undertake their clinical education placements?

Students are required to complete a minimum of 1000 hours on placement as part of the degree programme. There are 4 placements (of 7 weeks each) embedded through the programme. These placements will take place in a variety of sites in the Mid-West, West, South, and further afield as required, to fulfill the required broad profile of clinical skills needed to be graduate physiotherapist.

Will I share lectures with other students?

The School of Allied Health is a leader in developing and delivering innovative, inter-professional learning on our programmes in Physiotherapy, Occupational Therapy, Speech and Language Therapy, and Nutrition and Dietetics. This progresses from learning with, from and about each other in modules, to working collaboratively in teams both within University and practice education settings.

Pre-placement Health Screen and Vaccination check:

On placement you will be considered to be a category A Health Care worker and must therefore fulfil vaccination requirements. Successful completion of the Health Screening & Vaccinations Certification and CPR certification are programme requirements for this degree. Health Screening/Vaccination Certificates will incur costs to the student.

Career Opportunities

Graduates of the programme will be eligible for membership of the Irish Society of Chartered Physiotherapists and will be equipped to practice in Ireland and other countries where their chartered status is recognised. Within Ireland, graduates work in all areas of clinical practice in the HSE, voluntary bodies and in private practice. Additionally some graduates undertake higher degrees or work in research settings. You will also be eligible to apply for registration as a physiotherapist with the national registration body, CORU. This is a requirement to allow you to practise as a physiotherapist within Ireland.

Follow-On Study

We offer taught postgraduate education for physiotherapists wishing to further their learning through our MSc in Advanced Healthcare Practice. Many of our graduates have undertaken MSc and PhD research degrees. A variety of specialist post-graduate qualifications are available nationally and internationally for Physiotherapists wishing to develop clinical specialisation.



Student Profile

Joe Curtin

As a child, I was always fascinated by how the body moved, and seamlessly worked together. I was interested to learn about how people return to their normal function after an injury or infection. After spending 2 weeks on work experience with my local physiotherapist in Transition Year, I knew this was the career I wanted to follow.

I fell in love with the UL campus as an eight-year old, while watching the Irish rugby team train in the UL Sport Arena. Limerick is so accessible, and even more so now with a great connection along the west coast. UL is known as "Ireland's Sporting Campus", and as a hurler, I thought this would be the ideal place for me to study.

As part of the course I have represented the University on the Irish Society of Chartered Physiotherapists' Student Council. The course also facilitates working with other studying health professionals through shared learning, which is a great help with understanding your role within the team setting of the hospital. I had two clinical placements in Limerick, and three in Galway. All of the placements were varied, and each presented their own unique challenges. Placement is the best insight into the role of the Physio - nothing will beat that feeling of progressing a patient from being acutely unwell back to their usual self.

Key Fact

This programme is designed to prepare you as a graduate who will contribute to the development of the physiotherapy profession through your ability to act as a competent, reflective and innovative practitioner.

LM101 BM BS Bachelor of Medicine, Bachelor of Surgery (Graduate Entry)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Míochaine, Baitsiléir Máinliachta (Iontráil do Chéimithe)

Course Info

Course Length: 4 Years

Average Intake: 150

Course Director: Dr Helena McKeague

Enquiries

Email: medicine@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: Minimum 2.1 (Second Class Honours Grade One) in First Honours Bachelor Degree (NFQ Level 8) or equivalent + GAMSAT (Graduate Medical Schools Admissions Test)

- Additional info:**
- Student Vetting
 - Fitness to Practise

Why study Graduate Entry Medicine at UL?

UL's BM BS Graduate Entry Medical Programme is open to graduates from any discipline. It has a highly innovative curriculum which offers you the opportunity to complete undergraduate medical training in four years in an environment specifically designed for graduate students. During your four years of study, you will be taught the basic medical and clinical sciences necessary to form the basis for postgraduate training and for a career in any branch of medicine.. The School culture is identified by students as inclusive and supportive in Athena Swan Self-Assessment and in May 2019 the School received a bronze Athena Swan award.

What you will study

The curriculum is taught in a traditional academic year. Years 1 & 2 are taught on campus and consist of 33 teaching weeks per year starting in August.

Years 3 & 4 commence in July and consist of clinical training, where you will rotate through the major clinical disciplines in affiliated hospitals and General Practices.

The curriculum has three main modules or domains:

- Knowledge of Health & Illness
- Clinical and Anatomical Skills
- Professional Competencies

These domains or themes run concurrently and underpin all learning across the four years. They are designed to ensure that all aspects of the skills required to become a doctor are addressed, from the sciences underpinning a rational approach to diagnosis and management, to an awareness of the importance of personal development.

To find out more, go to www.ul.ie/medicine

LM101 Online

The student experience



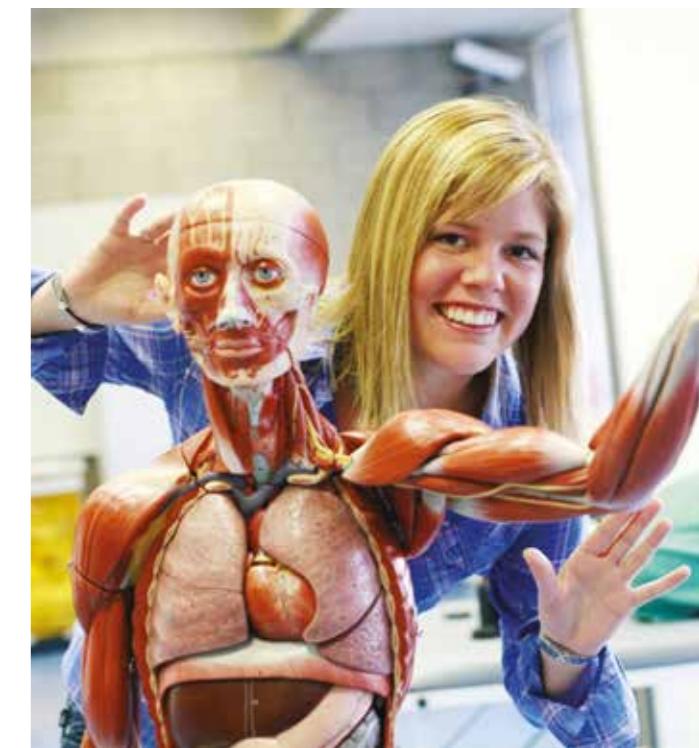
Want to know more? Go to:
www.ul.ie/courses/LM101.html

How you will be taught

Years 1 & 2

The first two years of the course are structured around Problem-Based Learning (PBL). This is backed up by a small number of lectures. There will also be structured clinical skills teaching and anatomical skills teaching. Teaching in the Professional Competencies takes the form of lectures, tutorials, workshops and seminars on topics such as psychology, public health, health law & ethics and medical sociology. All sessions are focused towards the topic of the week and exploring it from different perspectives including the scientific, sociological, public health, legal and patient experience. This means that everything you learn is done in the context in which you will use it when you practise as a doctor.

Our innovative integrated curriculum received a National DELTA (Disciplinary Excellence in Teaching Learning & Assessment) Award from the National Forum for Teaching & Learning in 2018 and was shortlisted for Best Student Experience Award, The Education Awards 2019.



Years 1 & 2 Overview

Autumn/Spring

Knowledge of Health & Illness 1

Year 2: Autumn/Spring

Knowledge of Health & Illness 2

Clinical & Anatomical Skills 1

Clinical & Anatomical Skills 2

Professional Competencies 1

Professional Competencies 2

In each of the first two years, the curriculum is further divided into six learning units, covering different topic areas. Areas covered by each unit include:

- **Life Structure:** Musculo-skeletal system, Rheumatology, Orthopaedics, Trauma, Plastic Surgery, Skin & Dermatology
- **Life Cycle:** Reproduction & Development, Child Health (Paediatrics), Obstetrics & Gynaecology, Sexual Health, Ageing, Death
- **Life Maintenance:** Alimentary System, Gastroenterology, Endocrinology, Renal Medicine, Urology, Nutrition
- **Life Protection:** Immunology, Infection, Haematology, Oncology, Preventative Medicine, Genito-Urinary Medicine
- **Life Support:** Cardiology/Cardiovascular Surgery, Respiratory Medicine, ENT
- **Life Control:** Nervous system, Neurology/ Neurosurgery, Vision & Ophthalmology, Psychiatry, Psychology



Key Fact

This course is designed to ensure that all aspects of the skills required to become a doctor are addressed.

LM101 BM BS Bachelor of Medicine, Bachelor of Surgery (Graduate Entry)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Míochaine, Baitsiléir Máinliachta (Iontráil do Chéimithe)

What Problem-Based Learning (PBL) really means

The 'problems' are highly structured hypothetical clinical cases, each of which takes a week to work through. Each semester, students are divided into groups of 8 or 9, each with its own tutor in a tutorial room, with PC, state of the art AV equipment and walls lined with whiteboards. The group meets with the tutor to work through the week's case. The tutor does not act as a teacher, but as a facilitator, guiding your group through the sequence of steps which have been devised to help students learn from the clinical cases. Each step and new development in the case (such as results of investigations or details of drugs prescribed) is only given out after the group has finished discussing the previous step.

By working through the problem and hypothesising about what is wrong with the patient, the PBL group comes up with a list of learning issues that represent the key knowledge needed to understand what is happening to the patient. The group members then independently research these learning issues (also known as learning objectives) in their own time. At the next PBL tutorial, each group discusses what they have learned and the tutor distributes the next stage of the problem. The new information is discussed, new learning issues arrived at, and members again research independently. The group report back again and the final stage of the problem is explored and the case concluded. By this time, the group is likely to have worked through:

The original presentation of the patient (either at A&E, an outpatient clinic or a GP clinic)

- The history taken by the doctor
- The examination findings
- Any investigations ordered and their

findings (e.g. blood results, x-rays, biopsies, etc)

- The course of the patient's illness (over hours, days, weeks, months or years) and the impact of this on the patient's life
- Treatment (pharmacological, surgical, psychiatric, etc)
- The involvement of family and others close to the patient
- Any complications that might have arisen
- The outcome of the case (including rehabilitation, on-going community care, etc.)

Independent learning times are not just about reading from textbooks. During these times, you are encouraged to visit and make use of the facilities of the Anatomical Skills Education Unit and Clinical Skills Education Unit. Staff will be on hand to provide support in whatever area you feel you need it. However, to a large extent, students in the programme will be both encouraged and expected to assume a high level of responsibility for their own learning. Students will not be 'spoon fed' and there is a deliberate strategy to minimise the amount of didactic teaching in the curriculum.

Early Patient Contact Programme

During the first two years, The Early Patient Contact Programme at UL-GEMS gives students an opportunity to interact with patients. In the first semester, students in groups of three are assigned a patient from an affiliated general practice. The majority of patients assigned to students in the programme have a chronic illness e.g. Diabetes, Cystic Fibrosis, Multiple Sclerosis and many have multiple illnesses. Some students may be assigned an expectant mother where they will monitor her progress during pregnancy and subsequently the early

development of her child. Over the course of the following 24 months students will get to know their patient as a person and how their illness and their illness experiences have affected their lives.

Students will be expected to interact with their patient in a variety of different settings e.g. the patient's home, in the patient's GP's surgery and at their hospital clinic appointments. They may even accompany their patients to the operating theatre if they need surgery. The early patient contact programme helps students understand both health and illness and how each are managed from a patient's perspective. The programme will also help students to appreciate the strengths and deficiencies of the health services and provide them with some insight into the relationships between providers and consumers of healthcare. Finally the experiences students get on the early patient contact programme will assist them in their learning of their classroom based subjects in particular their professional competency subjects.

Special Study Modules (SSMs)

Special Study Modules (SSMs) allow students to study in-depth areas that are of particular interest to them. In total, students undertake three SSMs, one in each of Years 2, 3 and 4.

Students have considerable choice over the subject of these projects, but the format for assessment is prescribed. Some students might choose to undertake their SSM locally and others may go abroad to complete these electives.

Additional information

Further information, including information on Fees and Semester dates can be found on the Medical School website: www.ul.ie/medicine

Year 3 & 4 Student Rotations

The structure of teaching and learning in Years 3 & 4 will involve student rotations through the major clinical disciplines. Typically the year is structured as follows:

Year 3: Autumn	Year 3: Spring
General Practice/ Primary Care (18 weeks)	Medicine 1 (9 weeks) Surgery 1 (9 weeks)
	Professional Competencies 3
Year 4: Autumn	Year 4: Spring
Obstetrics & Gynaecology (6 weeks) Paediatrics (6 weeks) Psychiatry (6 weeks)	Medicine 2 (9 weeks) Surgery 2 (9 weeks) Special Study Module (SSM) (6 weeks)
	Professional Competencies 4

Years 3 and 4

In Year 3, all students will be located in the General Practice/Primary Care setting in one of six Primary Care Teaching Networks (PCTNs) for 18 weeks. In Year 3, all students will be located in the General Practice/Primary Care setting in one of six Primary Care Teaching Networks (PCTNs) for 18 weeks. For the remainder of Year 3, students will undergo hospital-based clinical training in Medicine and Surgery. Three weeks in Year 3 is devoted to the SSM.

In Year 4, students will spend 6 weeks of Clinical Training in each of Obstetrics/Gynaecology, Paediatrics and Psychiatry. They will also undertake another 6 weeks in Medicine & Related Specialties and a further 6 weeks in Surgery & Related Specialties. This will involve rotations through a number of affiliated hospitals. Six weeks in Year 4 is devoted to the SSM. Students that are placed in the University Hospital Limerick (UHL) group for their Year 3 Medicine and Surgery rotations must complete their senior cycle of Medicine and Surgery rotations in an affiliated hospital in Year 4 or vice versa.

A typical timetable for years 1 and 2 of the graduate entry Medical programme;

Time	Mon	Tue	Wed	Thu	Fri
PM	Clinical Skills	PBL	Lecture	Lecture	Professional Competencies
AM	Anatomical Skills	Professional Competencies	EPCP	Clinical Skills	PBL

Key PBL = Problem-Based Learning | EPCP = Early Patient Contact Programme

Professional Competencies relating to psychology, social and community aspects of health care, epidemiology, biostatistics, Public Health Medicine, Occupational Medicine and Complementary Medicine, evidence-based medicine, health service organisation, health economics, health law and ethics, self-awareness and self-care.

Career Opportunities

Careers open to you with a degree in Medicine include;

- Medical Practice in all disciplines such as Family Medicine, Hospital Medicine, Public Health Medicine etc
- Medical Research
- Medical Education
- Medical Administration
- Medical Journalism



Student Profile

Eileen McMahon

A day in the life of..... a hospital doctor
There are a lot of early starts and late evenings in medicine! Usually the ward round would start at about 8am and we would see each of the patients in succession. This might take anywhere from 1-5 hours depending on how many patients are under the team at that time. During the ward round I would also have to answer any bleeps from nurses or other staff members and may also get called to an emergency situation e.g. a cardiac arrest. After the ward round there are lots of jobs that need to get done like ordering scans and following up on results of investigations, ringing for consults and liaising with other staff members. Some patients will also need procedures undertaken like taking blood, or a catheter put in etc.

I think UL's problem-based (PBL) approach to learning really helped to prepare me for my role as a doctor. During our PBL sessions, we encountered cases in which patients could present with anything from abdominal pain to a severe headache and it was our job as medical students to figure out what could be wrong with the patient as well as to come up with investigations and a management plan. Working now as a doctor, this process is identical - you go through the same steps as you did as a student, thanks to UL's problem-solving approach to teaching medicine.

Eileen's tip:

I think there is a lot of pressure for Leaving Cert students to know exactly what they want to do immediately when they finish school. My advice is take your time in deciding what you want to do; but if you do start something and find out you don't like it then don't be afraid to move on. I think there's something out there for everyone - you just might need to be a bit more creative about how you get there and be prepared to work hard to get it!

LM102 Bachelor of Science in Psychology

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsileir Eolaiochta | Siceólaiocht

Course Info

CAO Points 2020: 509

Course Length: 4 Years

Course Director: Dr Elaine Kinsella

Enquiries

Email: psychology@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

Additional info:

- Mature Pathways
- QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: Mature applicants are required to undertake the Mature Students Admissions Pathway (MSAP) test. There is one sitting of the test annually. Further details, including test date and test centres, are available from msap-ie.acer.edu.au

About You

If you are the type of person who is interested in investigating the reasons behind why people feel, think and behave the way they do, and in making a difference to people's lives, then you will find this course engaging and stimulating.

Why study Psychology at UL?

Psychology is the scientific study of mind and behaviour. Over the past century, Psychologists have examined the fascinating variety of human thought and activity and now a degree in Psychology opens up many opportunities to use this knowledge to address important social issues and improve the quality of people's lives.

Psychology spans virtually all aspects of human life and allows us seek answers to questions such as:

- What effects do different drugs have on behaviour?
- How do children develop a sense of self and relationships with others?
- What effect does our mood have on our ability to remember information?
- How can we understand mental disorders and help people cope with their illnesses?
- When and why do people and animals help others in need?
- What are the roots of prejudice and discrimination and what can be done to resolve intergroup conflict?

By defining and investigating these and other questions, psychologists aim to provide practical solutions to the many personal and social challenges that people face in their everyday lives. By the end of this course, you will have the knowledge and skills essential for a career in Psychology. This is an accredited course so you will be eligible to register with the Psychological Society of Ireland when you graduate.

What you will study

This four-year honours degree in Psychology provides a broad introduction to the discipline, followed by coverage of the core areas of study required for accreditation by the Psychological Society of Ireland, as well as allowing you to specialise in advanced areas in your final year of study. You will cover areas such as social, developmental, biological and cognitive psychology as well as personality and individual differences and research methods and statistics. You will also have an opportunity to undertake study abroad as well as work in an area relevant to psychology during your degree.

Learning how to design and conduct research is a central part of this programme. You will actively engage in laboratory classes and group research exercises throughout the course to develop research methods skills, culminating in your own final

Career Opportunities

Careers open to you with a degree in Psychology include:

- Clinical Psychology
- Occupational Psychology
- Sports Psychology
- Educational Psychology
- Counselling Psychology
- Psychological Research

Psychology graduates go into a range of careers on graduation. Many become professional psychologists having careers in clinical, educational or occupational psychology.

Psychology graduates also pursue careers in research in universities, the public service and voluntary sector. Others use their psychology degree as a graduate basis for careers in other areas such as personnel, marketing, education and computing.

Follow-On Study

Related postgraduate courses at UL include:

- Clinical Psychology
- MSc Speech and Language Therapy
- MSc Occupational Therapy
- MSc Psychological Science
- MA Psychology



Student Profile

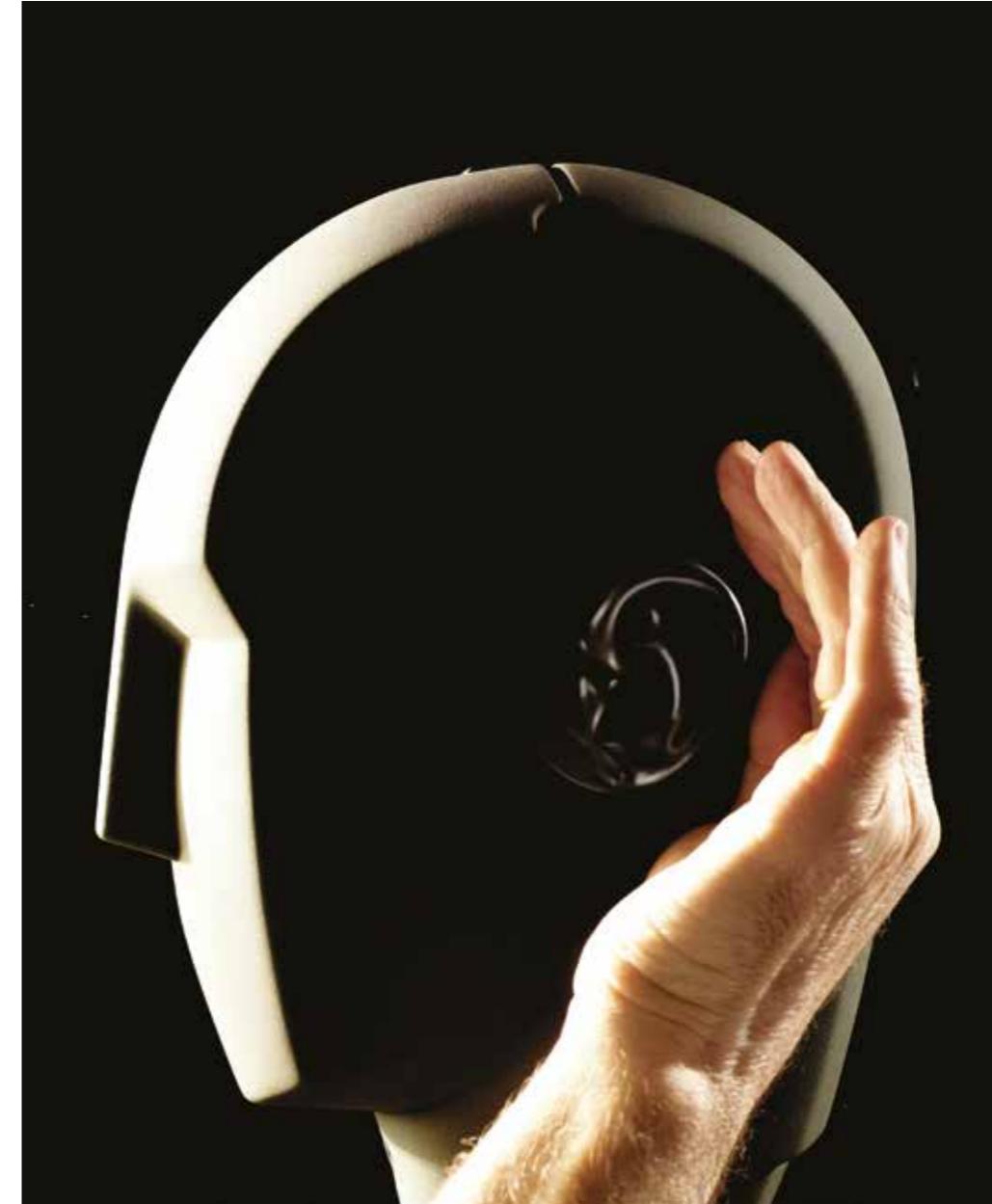
Elayne Ahern

I was interested in the BSc. Psychology course because of the choice of electives offered to study in the first year. This allows you to explore how psychology can be applied to other disciplines such as sociology, biology, and criminal justice.

Psychology can also be easily applied to our own everyday experiences which make it so interesting to study. What I enjoy most is how I can walk away after a lecture and have a changed outlook on the world, or how people behave and interact.

I spent my Erasmus study abroad semester at the University of Groningen in The Netherlands. Academically, Erasmus opens so many doors to you to explore your chosen field from all possible angles. I am studying courses like clinical psychology and neuropsychology which look to identify, diagnose, and treat mental disorders such as dyslexia or ADHD. The cultural value of Erasmus is something that you will forever remember- the people, the sights, the travelling - you will never be short of a story to tell (or a place to stay in any continent!).

Going to university is an academic milestone but also a new social experience, and there is much life outside the lecture hall with countless clubs and societies to get involved in. As Ireland's leading university for international exchange, UL also has an excellent coop work placement programme and the highest graduate employment rate in the country.



Key Fact

LM102 Psychology at UL is an accredited course so you will be eligible to register with the Psychological Society of Ireland when you graduate.

LM103 Bachelor of Science in Paramedic Studies

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta i Staidéar Paraímhóchaineora

Course Info

CAO Points 2020: 392

Course Length: 4 Years

Course Director: Dr Chris O'Connor

Enquiries

Email: paramedicstudies@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Science: O6/H7 grade in one of the following Laboratory Science subjects: Biology; Physics, Chemistry; Physics with Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Mature Pathways
 - OCC Health Clearance

Note: Evidence of a clean Full B driving licence and a minimum provisional C1 driving licence is required prior to offer of a place on the programme. Applicants must produce a full C1 licence by the end of Year 1. Penalty points may preclude progression. Please note this is an entry requirement, proof of licences will be requested.

About You

If you are the type of person who can demonstrate accurate decision and evaluation skills to provide the best patient care possible, then this course will be interesting to you. Key personal attributes include an ability to work under pressure, calm and caring demeanour with flare for initiative and innovation.

Why study Paramedic Studies at UL?

UL is the first university in Ireland to offer Paramedic Studies at undergraduate degree level, our innovative campus with state-of-the-art high fidelity simulation, offers unequalled opportunities for the developing paramedic student.

What will you study

The curriculum has 4 main domains: Knowledge of Health and Illness, Clinical and Anatomical Skills, Professional Skills, and Pre-Hospital Research.

You will be taught via Problem Based Learning (PBL). The 'problems' are highly structured hypothetical clinical cases, each of which takes a week to work through. Each semester, students are divided into groups of seven or eight, each with its own tutor in a tutorial room, with PC, state of the art AV equipment and walls lined with whiteboards. The group meets with the tutor to work through the week's case. The tutor acts as teacher and facilitator, guiding the group through the sequence of steps which have been devised to help students learn from the clinical cases. Each step and new development in the case (such as results of investigations or details of drugs prescribed) is only given out after the group has finished discussing the previous step.

Off-Campus Programme

In Year 1, Semester 2 with core knowledge and skills acquired, students are required to attend a wide range of clinical placements. Allied health placements as well as emergency and non-emergency ambulance deployments form the basis for your undergraduate experience; these include: Coronary Care, Emergency Department, Operating Theatres, Paediatrics, Maternity, Fire and Rescue, Learning Disabilities, Care of the Elderly Person.

To maximise potential exposure, compulsory emergency ambulance placements for Year 2 are based in the United Kingdom. High call volumes, diverse population and an established university based educational system ensure students can maximise patient exposure in a sophisticated peer-led environment.

LM103 Online

Want to know more? Go to:
www.ul.ie/gems/para

Career Opportunities

As a graduate of Paramedic Studies, you will be ready for employment within state and private emergency medical services.

Follow-On Study

Related postgraduate courses in UL include:

- Masters (MSc) in Health Professions Education (once entry requirements are met)



Student Profile

Mark Williams

Paramedic practice is a fast-developing profession which is finding its foothold in the medical world, and this degree programme is the next logical step for practitioner training and development. I've been outside formal education for quite a while but UL's innovative course structure offered just what I was looking for and suited me. I enjoy the different teaching approach at UL. I'm expected to go beyond what's given to me during lectures and classroom sessions, finding information and evidence for myself to inform my practice and develop my knowledge. This is a vital skill as I'm entering a profession that is constantly changing and developing as new therapies and treatments are offered to patients.

In the first year of the course, there is a lot of theory and learning followed by some placements. I love the challenges that each patient presents, whether that's basic communication, assessment and treatment decisions, or extrication and transport. No two patients are the same, and you never know what is coming next!

Key Fact

Paramedic Studies will equip you to deal with the full spectrum of emergencies, illness and health issues, making you a career-ready graduate.



LM105 Bachelor of Science in Exercise & Health Fitness Management

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta i gCorpoideachas

Course Info

CAO Points 2020: New for 2021

Course Length: 4 Years

Course Director: Ian Sherwin

Enquiries

Email: ncef@ul.ie

pess@ul.ie

Tel: NCEF 00 353 61 202829

or PESS 00 353 61 202896

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Other: —

Additional info:

- Mature Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

About You

If you are the type of individual that likes working with other people to help them improve their fitness and you have a broad interest in exercise, health and fitness, then this programme might very well be for you.

Are you an athlete hoping to combine study and training? If so, you should highly consider this course as the University of Limerick have a strong history of supporting our student athletes in pursuing and excelling in their sport whilst also undertaking academic study at the University of Limerick.

Why Study Exercise & Health Fitness at UL?

This course qualifies you as a Fitness Professional with a strong portfolio of specialisms which include Advanced Personal Training and Strength & Conditioning for Athletes and Teams.

Graduates of the B.Sc. apply their knowledge, skills and competencies to provide direction, leadership and professional expertise at management & promotional levels in the Exercise & Health Fitness sector.

What You Will Study

This four year honours degree in Exercise & Health Fitness Management provides you with a broad introduction to a career in the fitness industry. In the first year, you will study a curriculum to qualify as a Fitness Instructor/Gym Instructor.

In Year 2, specialisms are introduced to build your portfolio of skills. You will study Advanced Personal Training, Strength & Conditioning for Athletes and Teams.

The central focus of Year 3 Advanced Practitioner is to move in the direction of business management and higher specialisation. Advanced Practitioners work in supervisory/business/management roles in the fitness industry and have advanced competencies in a broad range of areas. The modules you will study are Research Skills, Applied Multimedia in Exercise & Fitness and students will complete their co-operative placement which is viewed as an essential part of your professional development.

The Year 4 curriculum offers individuals the opportunity to research, study and practice in the area of Exercise & Health Fitness Management. The previous 3 years provide you with a wide variety of exercise and fitness qualifications and Year 4 complements and strengthens your qualification with a range of business and marketing skills leading to a highly employable graduate.

Your final year will be interfaculty with a strong emphasis on business skills with modules including Financial Management, Public Relations & Marketing, Human Resource Management, Multimedia, Health Promotion, Diverse Populations, Event Management and more. This will provide you with strong supervisory and management skills in addition to your exercise and fitness specialisms.

Lecturers and Tutors delivering on this interfaculty curriculum are from the Faculty of Education and Health Sciences, the National Council for Exercise and Fitness, and the Kemmy Business School at UL. Guest lecturers with relevant backgrounds will also present on the programme.

Career Opportunities

As an accredited undergraduate programme, this Bachelor of Science degree will allow you to progress in a range of careers in the exercise and fitness industry.

Careers open to you with a degree in Exercise & Health Fitness Management include:

- Group Fitness Instructor
- Gym Instructor
- Advanced Personal Trainer
- Strength & Conditioning Specialist
- Fitness Professional & Advisor working on public health initiatives
- Fitness facility management
- Event management and marketing
- Entrepreneurial Fitness Professional with your own custom bespoke fitness facility
- Diverse Populations Specialist

Follow-On Study

Related postgraduate courses at UL include

- MSc. Applied Sports Coaching
- MSc. Sports Performance
- MSc. Sport, Exercise & Performance Psychology
- MSc. Occupational Therapy
- MA in Business Administration
- MBA



Key Fact

Most students on this programme are working in the fitness industry after the 1st year on the course, working on a part-time basis "learning through doing..." This programme is a very practically applied programme and develops the practical skills in the formative years of the programme, whilst building on academic and management skills in the later years.

LM150 Bachelor of Science in Nursing (General)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta in Altranais (Ginearálta)

Course Info

CAO Points 2020: 475*

Course Length: 4 Years

Course Director: Dr. Irene Cassidy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* Indicates that not all applicants who scored these points were offered places.

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Science: O6/H7 grade in one of the following Laboratory Science subjects: Biology; Physics, Chemistry; Physics with Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathways

Note: In addition to the CAO application, mature applicants must also register for an assessment test with the Nursing and Midwifery Board of Ireland. Mature applicants may also be considered on the basis of educational qualifications. Such applicants should also consult the booklet: Nursing and Midwifery A Career for You, published by the Nursing Careers Centre, An Bord Altranais agus Cnáimhseachais na hÉireann Tel +353 (0)1 6398500 Website www.nursingcareers.ie

About You

Are you interested in caring for people? Do you have good communication skills, enjoy working as part of a team and have qualities such as kindness and respect? Are you willing to learn, practice your skills and become competent in nursing? If so, general nursing may be the career for you.

Why study General Nursing at UL?

General nursing is a broad area of practice and involves caring for people with acute and long-term illness in hospital and community settings. General nursing provides a person-centred holistic approach to care, respecting each individual's uniqueness and dignity. Registered General Nurses (RGNs) work collaboratively and in partnership with patients, their families/carers, the wider community and other health professionals in providing a proactive, evidence-based quality holistic service. The BSc Nursing (General) programme is designed to provide students with the understanding, knowledge, skills and attitudes required to deliver compassionate care that is responsive to the needs of individuals within evolving healthcare settings.

The BSc Nursing (General) is a full-time four-year degree offered by the Department of Nursing and Midwifery, the University of Limerick in conjunction with the Health Service Executive West (Limerick, Clare and Tipperary North). On successful completion of the programme, students will be able to present for registration with Nursing and Midwifery Board of Ireland (NMBI) and practise as a Registered General Nurse (R.G.N.).

What you will study

The Programme is offered full time over four years. The curriculum encompasses the development of theory and practice simultaneously, with the programme structured as follows:

- 63 weeks Theory (minimum)
- 45 weeks un-rostered Clinical Placement
- 36 weeks Internship

During the course, you will study nursing, caring, communication, health and health promotion, infection prevention and control. Biological sciences, sociology, psychology, law and ethics, pharmacology, research and evidence in health are examples of other modules you will study.

This course is full-time 4-year programme and includes practice placements throughout the Mid-West region. As this course leads to an academic and professional qualification, students will need to put time and effort into study.

Nursing is a demanding profession both physically and emotionally. Successful applicants must be of good physical and mental health and have the ability to achieve the required competencies of a nurse. Offers of places on the nursing programmes are subject to satisfactory completion of Garda Vetting & Health Screening, including vaccination. This will be organised by the Department of Nursing and Midwifery. Prospective students should be aware that there is likely to be a cost implication borne by the student for health screening and vaccination.

Career Opportunities

Nurses can work and/or specialise in e.g. medical or surgical nursing, care of the older person, renal nursing, oncology, theatre, palliative care, cardiac, orthopaedics, respiratory, emergency nursing or critical care. Many nurses work as community nurses and general practice nurses. Other career options include midwifery, children's nursing, public health nursing, education or management. Registered General Nurses may progress their careers through advanced nursing studies, thus enabling them to assume roles, as clinical nurse specialists, and advanced nurse practitioners.

Recent graduates of this programme are working as Registered General Nurses in hospitals, community nursing centres, prison service and in the private sector.

Follow-On Study

Graduates from this programme can pursue further study in nursing or healthcare including, MSc Nursing, MSc Perioperative Nursing, MSc Palliative Care, MSc Advanced Practice.

UL has a variety of Postgraduate, Masters and PhD programmes in the department of Nursing and Midwifery. Go to www.nm.ul.ie to find out more.

LM150 Online

The student experience



Course description



Want to know more? Go to: www.ul.ie/courses/LM150.html

Student Profile Laura Griffin

Living in Limerick, UL is a campus I have grown up around and loved throughout my childhood. The nursing course is also highly attractive here as we have the new Health Sciences building and our placement scheme is second to none as we are surrounded by the UL Hospitals group.

Nursing itself is something I became interested in because of its focus on people. I also love that there is always more to learn. I have found the modules on anatomy and genetics really interesting as biology was a favorite subject of mine in secondary school. I have also been awarded the Downer Nursing Scholarship which is a huge honour.

The high level of active learning through placement is another element of the course that grabbed my attention since, for me, actually doing something is the best way to learn. During my first semester I went on a 4-week nursing placement to the University Hospital Limerick. I had the chance to put into practice everything I had learned thus far in my studies.

By the end of my time there, skills like taking a patient's vital signs became simple and routine to me which really made me feel like part of the nursing team. Actually being in the hospital setting so early on in my degree gave me great confidence in the fact that nursing is definitely the career for me! I feel comfortable and prepared going forward in my studies knowing that the nursing setting is where I want to be.

Key Fact

This programme provides you with the knowledge and experience to contribute effectively in community and health care services.



LM152 Bachelor of Science in Nursing (Mental Health)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta in Altranais (Meabhairshláinte)

Course Info

CAO Points 2020: 419*

Course Length: 4 Years

Course Director: Dr. Teresa Tuohy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* Indicates that not all applicants who scored these points were offered places.

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Science: O6/H7 grade in one of the following Laboratory Science subjects: Biology; Physics, Chemistry; Physics with Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathways

Note: Applicants who wish to be considered for a place on the grounds of mature years must satisfy An Bord Altranais agus Cnáimhseachais na hÉireann as to their suitability by means of an assessment test. Mature applicants should be 23 years old on or before January 1st of the year of enrolment.

Note: Mature applicants must apply through the Central Applications Office (CAO) by 1 February.

Note: In addition to the CAO application, mature applicants must also register for an assessment test with the Nursing and Midwifery Board of Ireland. Mature applicants may also be considered on the basis of educational qualifications. Such applicants should also consult the booklet: Nursing and Midwifery A Career for You, published by the Nursing Careers Centre, An Bord Altranais agus Cnáimhseachais na hÉireann Tel +353 (0)1 6398500 Website www.nursingcareers.ie

Note: In addition to the CAO application, mature applicants must apply directly to NMBI to take an assessment test. www.nmbi.ie/Careers-in-Nursing-Midwifery/How-to-apply/Mature-Applicants

About You

Are you interested in working with people who are experiencing mental health problems and helping them towards recovery? Are you interested in caring for people? Do you have good communication skills and enjoy working as part of a team? Are you willing to learn, practise and take on the responsibilities of providing skilled mental health nursing care? If so, then this course might suit you.

Why study Mental Health Nursing at UL?

The B.Sc. Nursing (Mental Health) is a fulltime four year degree programme offered by the Department of Nursing and Midwifery, University of Limerick, in conjunction with the Health Service Executive West (Limerick, Clare, Tipperary North). On successful completion of the programme, you will be able to present for registration with the Nursing and Midwifery Board of Ireland (NMBI) and practice as a Registered Psychiatric Nurse (R.P.N.).

The Department of Nursing and Midwifery has received approval from NMBI for the programme.

As a student Of the Department of Nursing and Midwifery, University of Limerick you will combine theoretical study with practice placement experience. In practice you are provided with opportunities to gain real-world experience working with service users and diverse populations in Mental Health Care practice placements within the Mid-West region of Ireland.

The BSc Nursing (Mental Health) programme is designed to ensure that you graduate with the skills, knowledge and attitudes required to deliver recovery focused compassionate care, responsive to the mental health needs of individuals and communities within evolving healthcare settings. The graduate will be able to work collaboratively and in partnership with service users, their families/carers, the wider community and other health

professionals in providing a proactive, evidence-based quality holistic service.

What you will study

The programme is offered full time over four years and is accredited by the Nursing and Midwifery Board of Ireland. The curriculum encompasses the development of theory and practice simultaneously, with the programme structured as follows:

- 63 weeks Theory (minimum)
- 45 weeks unrostered Clinical Placement
- 36 weeks Internship

Nursing is a demanding profession both physically and emotionally. Successful applicants must be of good physical and mental health and have the ability to achieve the required competencies of a nurse. Offers of places on the nursing programmes are subject to satisfactory completion of a garda clearance, a health declaration/medical assessment and vaccination programme.

Career Opportunities

The B.Sc. Nursing (Mental Health) programme provides graduates with the knowledge, skills and competencies to enable people with mental health problems develop coping skills to maximise their potential for recovery. Mental Health Nurses practice as members of a multi-disciplinary team across a broad range of areas, for example, adult in-patient and community based services, child and adolescent services, specialist rehabilitation, liaison psychiatry, forensic mental health, addiction services, and primary care. Mental Health Nurses may progress their careers through advanced nursing studies, thus enabling them to assume roles as clinical nurse specialists and advanced nurse practitioners in mental health as well as roles in nursing education and research.

Follow-On Study

Graduates from this programme can pursue further study in nursing and healthcare. UL has a variety of Postgraduate, Masters and PhD programmes in the department of Nursing and Midwifery.

Go to www.nm.ul.ie to find out more.

LM152 Online

The student experience



Want to know more? Go to: www.ul.ie/courses/LM152.html

Student Profile Sarah Moloney

I was always interested in mental health and how the brain works. With mental health, it's different to treating broken bones or cuts and bruises - it can be the same illness with different presentations. You see something different every day and you're constantly learning.

The course has a good balance of both theory and practical work. In years 1 and 2, there are lots of common modules between the disciplines, such as anatomy and physiology and pharmacology. As you progress you concentrate more on your discipline specific core modules, such as child and adolescent mental health, mood disorders and psychotic and personality disorders. You spend a lot of the 4 years on placement which prepares you for the work of a registered nurse. You will get the opportunity to work in Child and Adolescent Mental Health Services (CAMHS) and acute mental units.

When you complete a nursing course at UL, the opportunities are endless. Nursing can bring you all over the world and if you're not interested in travelling you have so many areas you can branch into, like working with those who experience enduring mental illness, care of the elderly, community work and specialist services such as drug and alcohol. What I love about my course is how much I've accomplished over the 4 years. I love that I'm going to be qualified in something that I enjoy doing and look forward to further opportunities.



Key Fact

This programme provides you with the knowledge and expertise to enable people with mental health problems develop coping skills to maximise their potential for recovery.



LM154 Bachelor of Science in Nursing (Intellectual Disability)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsilír Eolaíochta in Altranais (Míchumas Intleachta)

Course Info

CAO Points 2020: 420

Course Length: 4 Years

Course Director: Dr. Ruth Ryan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Science: O6/H7 grade in one of the following Laboratory Science subjects: Biology; Physics, Chemistry; Physics with Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathways

Note: Applicants who wish to be considered for a place on the grounds of mature years must satisfy An Bord Altranais agus Cnáimhseachais na hÉireann as to their suitability by means of an assessment test. Mature applicants should be 23 years old on or before January 1st of the year of enrolment.

Note: Mature applicants must apply through the Central Applications Office (CAO) by 1 February.

Note: In addition to the CAO application, mature applicants must also register for an assessment test with the Nursing and Midwifery Board of Ireland. Mature applicants may also be considered on the basis of educational qualifications. Such applicants should also consult the booklet: Nursing and Midwifery A Career for You, published by the Nursing Careers Centre, An Bord Altranais agus Cnáimhseachais na hÉireann Tel +353 (0)1 6398500 Website www.nursingcareers.ie

Note: In addition to the CAO application, mature applicants must apply directly to NMBI to take an assessment test. www.nmbi.ie/Careers-in-Nursing-Midwifery/How-to-apply/Mature-Applicants

About You

If you are an individual who enjoys working with people who seek to understand how humanistic, legalistic, psychological and sociological factors, which impact health and wellbeing of people with intellectual disability and their families, and respond accordingly, then this programme may be for you.

Why study Intellectual Disability Nursing at UL?

The BSc. Nursing (Intellectual Disability) full-time four year degree programme is offered by the Department of Nursing & Midwifery, University of Limerick in conjunction with the Daughters of Charity Disability Support Services. The Nursing and Midwifery Board of Ireland has approved the BSc Nursing (Intellectual Disability) programme. The theoretical component of the programme offers the diversity of a small class size for discipline specific modules and large class size for modules shared with other nursing

and midwifery disciplines. Clinical Skill Laboratory/Tutorial sessions compliment many classroom lectures. Additionally, throughout the four years of the programme a wide range of practice placement experiences are incorporated including early intervention, day-service, residential, respite and community settings. On successful completion of the programme, you will be able to present for registration with the Nursing and Midwifery Board of Ireland and practice as a Registered Nurse Intellectual Disability (RNID).

The BSc. Nursing (Intellectual Disability) is designed to equip you with the knowledge, skills and attitudes required to become an analytical and reflective practitioner, capable of providing compassionate, caring and committed approaches to supporting people with intellectual disabilities and their families. The programme based on a philosophy of inclusion, empowerment and valuing people, enables the integration of

humanistic, scientific and research based principles to enhance your knowledge and understanding of physical, emotional, cognitive, social and spiritual needs of persons with intellectual disabilities.

What you will study

The programme is offered full time over four years and is accredited by the Nursing and Midwifery Board of Ireland. The curriculum encompasses the development of theory and practice simultaneously, with the programme structured as follows:

- 63 weeks Theory (minimum)
- 45 weeks un-rostered Clinical Placement
- 36 weeks Internship

Nursing is a demanding profession both physically and emotionally. Successful applicants must be of good health and have the ability to achieve the required competencies of a nurse. Offers of places on the nursing programmes are

subject to satisfactory completion of Garda Vetting, Health Screening and vaccination check with an Occupational Health Service [organised by the Department of nursing and Midwifery] prior to attending placement. Prospective students should be aware that there is likely to be a cost implication borne by the student for health screening and vaccination.

Career Opportunities

Demographic changes among the population group of people with an intellectual disability have resulted for many, in the presentation of increasingly complex health needs, particularly evident in the early years and for those growing older with an intellectual disability. Consequently, this work has identified clinical nursing skills as an area of key competency for future service delivery, which aims to support the management chronic conditions and health across the lifespan. Due to the changing landscape of service delivery for people with intellectual disability, RNID's now practice as members of multidisciplinary teams in a wide variety of contexts and settings. For example, early intervention, day-service, residential, respite, primary and community based settings. As services for people with intellectual disability has evolved in the past few years, there has been greater emphasis on equality of access to mainstream health services, integration in schools, work and community. At the forefront in the promotion of and advocating for equality, rights, access and integration, the graduate RNID is equipped with knowledge and experience to contribute effectively in health and community services.

Follow-On Study

Graduates from this programme can pursue further study in nursing and healthcare. RNID's may progress their careers through advanced nursing studies, thus enabling them to assume roles as clinical nurse specialists, advanced nurse practitioners, as well as roles in nursing education and research. UL has a variety of Postgraduate, Masters and PhD programmes in the department of Nursing and Midwifery. Go to www.nm.ul.ie to find out more.

LM154 Online

The student experience



Course description



Want to know more? Go to:
www.ul.ie/courses/LM154.html

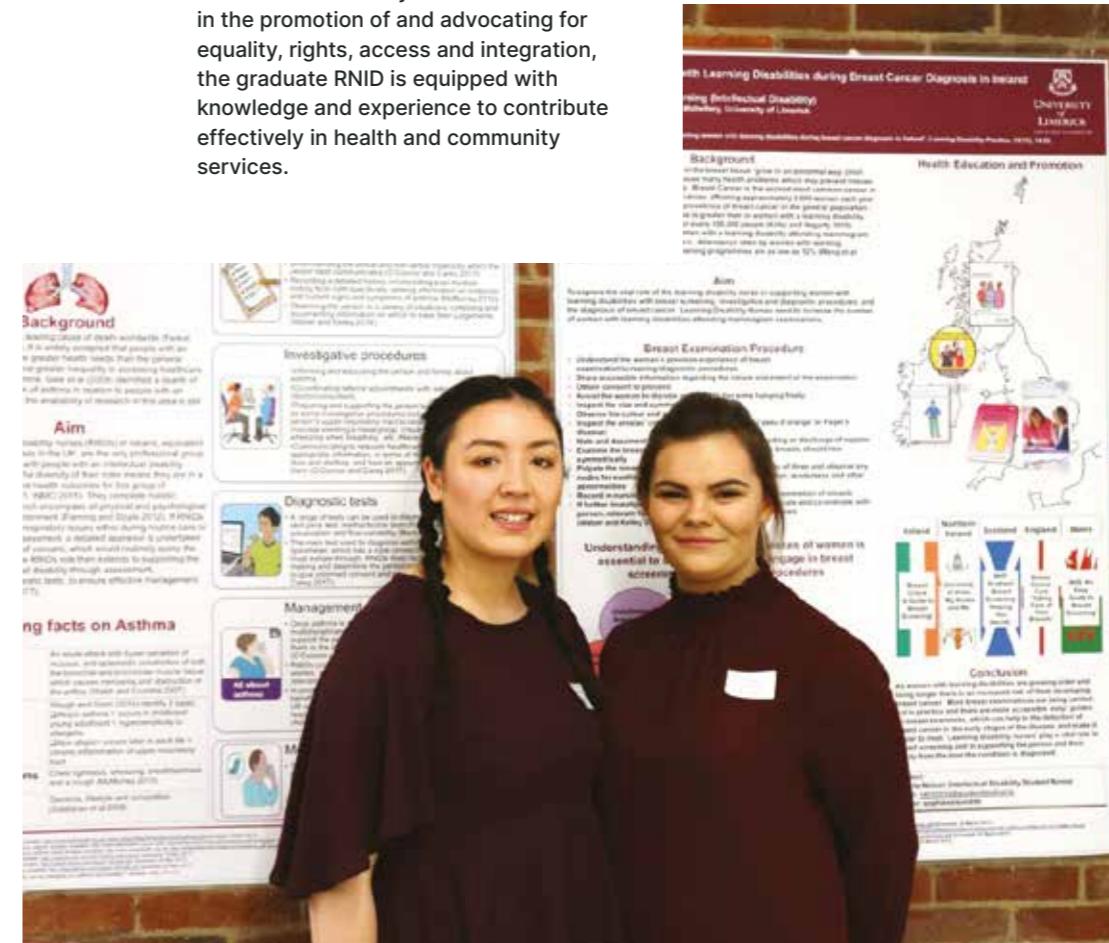


Student Profile

Thomas Dawson

This course interested me because there's a good mix between theory/college work and practical work in the clinical labs, and in the amount of placement time spent working in residential and community settings. Placements were a huge benefit to me as everything you learn in lectures and from textbooks make more sense when you see it and do it for real.

The course is very enjoyable and you'll meet new friends and colleagues out in the work place. I enjoyed working with people with an intellectual disability and making a difference in their lives, no matter how small. This course at UL equipped me with the knowledge and skills to do that.



Key Fact

This programme provides you with the knowledge and experience to contribute effectively in community and health care services.

LM156 Bachelor of Science in Midwifery

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta sa Chnáimhseachas

Course Info

CAO Points 2020: 469

Course Length: 4 Years

Course Director: Jan McCarthy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

Science: O6/H7 grade in one of the following Laboratory Science subjects: Biology; Physics, Chemistry; Physics with Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise
 - Mature Pathways
 - QQI Pathways

Note: Applicants who wish to be considered for a place on the grounds of mature years must satisfy the Nursing and Midwifery Board of Ireland (NMBI) as to their suitability by means of an assessment test. Mature applicants should be 23 years old on or before January 1st of the year of enrolment. Mature applicants must apply through the Central Applications Office (CAO) by 1 February.

Note: In addition to the CAO application, mature applicants must also register for an assessment test with the Nursing and Midwifery Board of Ireland. Mature applicants may also be considered on the basis of educational qualifications. Such applicants should also consult the booklet: Nursing and Midwifery A Career for You, published by the Nursing Careers Centre, An Bord Altranais agus Chnáimhseachais na hÉireann Tel +353 (01) 6398500 Website www.nursingcareers.ie

Note: In addition to the CAO application, mature applicants must apply directly to NMBI to take an assessment test. www.nmbi.ie/Careers-in-Nursing-Midwifery/How-to-apply/Mature-Applicants

About You

Are you interested in providing a vital, caring service to women and the community during the life-changing event of childbirth? Have you got good observation and communication skills? Do you like applying your learning in practice? Are you willing to learn, practise and take on the responsibilities in providing skilled midwifery care? If so, then this course might suit you.

Why study Midwifery at UL?

The BSc Midwifery course will prepare you to become a competent midwife who is sensitive to the needs of pregnant women and their families. The course leads to registration as a midwife (R.M.) The word 'midwife' means being with women. A midwife gives care and support to women and their families during pregnancy, labour and birth, and to new mothers and their babies. Today's midwife is responsive to the socio-economic, cultural, educational, physical and psychological needs of women.

This course is full-time with practice placements currently in the University of Limerick Hospital Group, and in the maternity services of University Hospital Waterford, South Tipperary General Hospital Clonmel and St Luke's Hospital Kilkenny. You will learn about midwifery based on a wellness model of women-centred care. The course will give you the knowledge and skills of normal midwifery care. It includes the study of physiology, sociology, research, management, law and ethics. A midwife recognises and initiates action when deviations from normal occur.

As this course leads to academic and professional qualifications, students will need to put time and effort into study.

What you will study

This is a four year programme accredited by the Nursing and Midwifery Board of Ireland, with a balance between student time in UL, and midwifery practice, as follows:

- 63 weeks Theory (minimum)
- 45 weeks unrostered Clinical Placement
- 36 weeks Internship

The University offers a number of access places on all University courses for socio-economically disadvantaged students. Financial documentation in support of each application is required. Potential applicants should make advance contact with the UL Access Office - telephone 061 213104.

Midwifery is a demanding profession both physically and emotionally. Successful applicants must be of good physical and mental health and have the ability to achieve the required competencies of a midwife. Offers of places on the nursing programmes are subject to satisfactory completion of Garda Vetting & Health Screening, including vaccination. This will be organised by the Department of Nursing and Midwifery. Prospective students

should be aware that there is likely to be a cost implication to be borne by the student for health screening and vaccination. To find out more, go to www.nm.ul.ie

Career Opportunities

Midwifery is a rewarding career and the programme will provide you with the knowledge and experience to contribute effectively to maternity services.

A midwife can practice in a wide variety of settings; the home, the community and hospitals in Ireland or abroad. Career pathways for the midwife may include clinical, clinical specialist's roles, management or education.

Follow-On Study

Graduates from this programme can pursue further study in nursing and healthcare. UL has a variety of Postgraduate, Masters and PhD programmes in the department of Nursing and Midwifery. Go to www.nm.ul.ie to find out more.

LM156 Online



The student experience



Course description

Want to know more? Go to: www.ul.ie/courses/LM156.html



Graduate Profile
Sandra Healy

A day in the life of..... a hospital midwife

The maternity unit in which I work is a 30-bed antenatal/postnatal unit with 3 labour wards and an admission area. My day will involve providing essential midwifery care to women and their babies but also dealing with any emergencies that may arise. Health promotion & health education regarding baby-care, infant feeding, diet, family planning etc. also forms part of my care for women on a daily basis.

Working in the labour ward involves caring, supporting & assessing the well-being of both mother and baby throughout the birth. As a student midwife, you will participate in care, under supervision, from your very first clinical placement. By the end of my first semester at UL, I was on a placement in the maternity labour ward where on the first day I witnessed a woman giving birth. With the help of my supervising midwife, I also supported another woman to give birth.

UL was my first choice to pursue a degree in midwifery. The variety of facilities at UL also appealed to me with a new, modern Health Sciences Building incorporating state-of-the-art laboratories and equipment.

For me, being a midwife is primarily about developing relationships with pregnant women and their families at every stage of their contact with the maternity services. If you like working and interacting with people in a dynamic environment then this is definitely a career for you - it will bring you a wonderful sense of fulfilment and achievement.



Key Fact

Midwives are responsible, accountable professionals who work in partnership with women and their families, providing care during pregnancy, birth and the postnatal period. Midwives are the lead professionals in normal birth and a valued member of the health care team.

Irish World Academy of Music and Dance

Dámh Chruinne Éireann
Rince agus Ceol



The Irish World Academy of Music and Dance is a centre of academic and performance excellence, housed at the University of Limerick. It offers a suite of courses in music, dance and related subject areas.

The Irish World Academy of Music and Dance resides on the North Bank, lying at the foot of the Living Bridge which links both sides of the campus. The Academy houses theatres and dance studios, where musicians, dancers, composers, singers, conductors and choreographers explore together.



LM026 Bachelor of Arts in Performing Arts

Irish Traditional Music / Irish Traditional Dance / Contemporary Dance / Voice / World Music

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir sna hEalaíona Taibhithe

Course Info

CAO Points 2020: 303

Course Length: 4 Years

Course Director: Dr. Niall Keegan

Enquiries

Email: niall.keegan@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: Applicants must pass an interview/audition.

- Additional info:
- Student Vetting
 - Mature Pathways
 - QQI Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

About You

If you are a musician, singer and/or dancer and wish to develop your performance skills and knowledge of your practice as well as widen both to include other forms of artistic expression, this is the course for you. Applicants will be proficient performers but do not necessarily have to have a formal music and dance educational background (ie. Leaving Certificate Music or grade examinations such as those from the Associated Board, Royal Irish Academy, Royal Academy of Dance, Imperial Society of Teachers of Dance etc.). Applicants will have a performance background in one or more of the following streams of the programme:

- Traditional Irish music
- Traditional Irish dance
- Contemporary dance
- Voice
- World Music

For the world music stream of the programme applicants will have an interest in developing their skills and knowledge of world music practices. Applicants will be required to show proficiency in relevant performance practices or in the case of the World Music stream, any music practice at audition.

Why study Performing Arts at UL?

This programme will allow you to develop your performance skills in one of five areas (traditional Irish music, traditional Irish dance, contemporary dance, voice and world music). You will also be able to develop your scholarly knowledge and enquiry around your own disciplines. However, and very importantly, you will be introduced to other performance practices and scholarly traditions in order to gain new insights into the worlds of music and dance, enhancing your creative potential. You will also study a number of vocationally focused modules aimed at allowing you to translate your artistic and scholarly creativity into a fulfilling career.

As a student, you will be based at the world-class facilities of the Irish World Academy building, equipped to the highest standards with cutting edge performance and rehearsal spaces and technological infrastructure. The co-operative education period allows you to construct your own work-experience, giving you invaluable experience of the opportunities open to you when you graduate.

The programme prepares you for many different career paths including professional performance; further study; work in cultural institutions; media related posts; archival work; performance production; portfolio careers combining the preceding and others in entrepreneurial ways.

What you will study

In the first year, you will focus and develop your own performance practice and be introduced to the critical academic engagement with classical, popular, traditional and world music and dance through a performative lens.

From second year, you will follow a stream that will reflect your main performance interest.

- **Irish traditional music** - students will undertake additional specialist modules in Irish Music and dance studies and ethnomusicology.
- **Irish traditional dance** - students will undertake additional specialist modules in Irish Music and dance studies, dance studies, experiential anatomy and movement analysis, dance pedagogy.
- **Contemporary Dance** - students will undertake additional specialist modules in dance studies, experiential anatomy and movement analysis, dance pedagogy.
- **Voice** - students will undertake additional specialist modules in Vocal pedagogy and Voice studies.
- **World Music** - students will undertake additional specialist modules in Global Pop Music, ethnomusicology.

From second year, core modules will be undertaken by all students in areas like music and dance education, ethnomusicology and ethnochoreology, professional skills, research and arts

and health. You will explore areas related to your genre of performance such as music theory, keyboard skills, vocal technique, yoga, pilates, ballet technique, contemporary dance technique, movement awareness, traditional dance technique, etc. You will also be required to engage in performance practices outside of your own main performance interest. You will also have the opportunity to study modules as electives taken from a broad range of options in languages, history, sociology, performance practice, choreography, composition etc.

Frequently Asked Questions

Q: Can a complete beginner do this course?

A: You need to have experience in performing before embarking on this course.

Q: Do I have to be able to perform in all of the genres represented in the course?

A: No. In the case of Irish Traditional Music, Irish Traditional Dance, Contemporary Dance and Voice, you need to show proficiency in one area. In the case of World Music, you will be required to show proficiency in any genre of music. An open mind and a willingness to engage with other genres and disciplines is also a requirement.

Q: Do musicians, singers and dancers follow the same course?

A: The first year of the programme is shared by all musicians, singers and dancers but you will specialise in your own performance genre from the start.

At the beginning of the second year, students will be divided into their specialist area, in one of the following streams:

- Irish Traditional Music
- Irish Traditional Dance
- Contemporary Dance
- Voice
- World Music

Q: What teachers will I have?

A: Each student receives weekly classes from highly accomplished vocalists, musicians and dancers with extensive teaching and performance experience for their main performance area.

Master classes are also provided by visiting professional vocalists, musicians and dancers throughout each semester.

Q: Will I get the chance to do work experience in an area that I am interested in?

A: Yes, each student has the opportunity to gain work experience in their area of interest in Semester 5 during their Co-operative Education placement, i.e. the 1st Semester of 3rd Year.

Q: Will I get the chance to study abroad?

A: Yes. Each student is given the option of studying at a number of institutions around the world for Semester 6, i.e. the 2nd Semester of 3rd Year.

Q: Is this solely a performance programme?

A: No, you will also engage in academic classes. Performance and academic studies are equally important. This gives you more career opportunities upon completing the course.

Q: What does the audition consist of?

A: Auditions normally take place at the beginning of April or in mid-July for late applicants and 'change-of-mind' applications although the Academy is flexible if applicants have difficulty with these dates. In auditions students should show a good standard of performance in one of the five pathways opened to students in the programme. Students who wish to follow the World Music pathway can perform in any music or dance genre and not necessarily one associated with the term 'World Music'. The audition itself takes the form of a solo performance of no more than 10 minutes duration, a 10 minute interview and then some element usually specific to the performance pathway the student intends to follow. For example: dancers will meet a physiotherapist in order to assess their physical suitability to the dance pathways; students for the vocal pathway will have a short choral workshop with other applicants where they will work on a single piece of repertoire; traditional musicians may be given a short oral test where they comment on recorded pieces of music played to them by faculty. Students who intend to follow the world music stream will also have a short oral test. Further information can be found at www.irishworldacademy.ie.

Career Opportunities

- Professional Performance
- Further Study (MA, PhD)
- Music/Dance Therapy
- Community Music/Dance
- Music/Dance teacher
- Arts administration
- Performance management and promotion
- Music Technology, e.g. recording studio producer/technician
- Media (TV, Radio etc.)
- Work in cultural institutions and archives

Follow-On Study

- Master of Arts Irish Traditional Dance Performance
- Master of Arts Irish Traditional Music Performance
- Master of Arts Contemporary Dance Performance
- Master of Arts Composition and Creative Music Practice
- Master of Arts Irish Music Studies

To find out more, go to www.IrishWorldAcademy.ie

LM026 Online

The student experience



Want to know more? Go to: www.ul.ie/courses/LM026.html



Kemmy Business School

Scoil Ghnó Kemmy



Key Facts

Kemmy Business School has AACSB accreditation which means it is listed amongst the top 5% of business schools worldwide.

The KBS is one of Ireland's leading business schools with a reputation for quality and employability of graduates.



Choosing a business school for your undergraduate studies can be both a life-defining and career-defining decision. The Kemmy Business School's honours degree programmes are uniquely designed to enhance your career prospects while nurturing your social and intellectual talents.

LM050 Bachelor of Business Studies

NFQ Level 8 Major Award Honours Bachelor Degree

Céim Baitsiléara i Staidéar Gnó

Course Info

CAO Points 2020: 431

Course Length: 4 Years

Course Director: Robert Ford

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7 or H4 for language options (See below)

Maths: O4/H7

Other: Students wishing to take a language option must have a H4 in that language, with the exception of Japanese or Beginners Spanish where a H4 in a language other than English is required.

- Additional info:
- Mature Pathways
 - QQI Pathways

The BBS suite of programmes includes:

Students can choose from one of the following programmes:

1. Bachelor of Business Studies

This option does not include the study of a language

Upon entry, students who meet additional language requirements could elect to study one of the BBS with Modern Language programmes. They are;

2. Bachelor of Business Studies with French

Students taking BBS with French will study the French language stream throughout the four years of the programme, along with their regular Business subjects.

3. Bachelor of Business Studies with German

Students taking BBS with German will study the German language stream throughout the four years of the programme, along with their regular Business subjects.

4. Bachelor of Business Studies with Japanese

Students taking BBS with Japanese will study the Japanese language stream throughout the four years of the programme, along with their regular Business subjects.

5. Bachelor of Business Studies with Spanish (Beginners or Advanced)

Students taking BBS with Spanish

(Beginners or Advanced) will study the Spanish language stream throughout the four years of the programme, along with their regular Business subjects.

Why study Business Studies at UL?

If you are interested in gaining expertise in a specific business discipline, the Bachelor of Business Studies (BBS) (Hons) degree offers you a broad choice of options which will enhance your employability on graduation. The BBS degree at UL is among the most popular business courses in Ireland and is accredited by both national and international bodies including the globally recognised business school accreditation body AACSB (www.aacsb.edu) whose mission is to foster engagement, accelerate innovation, and amplify impact in business education worldwide.

What you will study

A blend of core business disciplines and management functions is integrated into the innovative design of the BBS, allowing insights to be reached early in the programme. The programme provides a strong foundation in Accounting, Economics, Finance, Human Resource Management, Management, Marketing, Risk Management & Insurance, Applied Statistics and Applied Business Mathematics which run throughout the first three semesters. You will choose your major option in the second semester of year 2. This consists of 2 modules per semester from second through to fourth year, with an intervening cooperative education placement.

The Bachelor of Business Studies (BBS) programme will provide you with a broad business education. You will study the core business principles of accounting, economics, risk management and insurance, human resource management and marketing - specialising in one area as your "major" in the second semester of Year 2. Theory will be brought to life through work on practical business projects in addition to an eight month work placement in industry.

A choice of five "major" options is available, of which you will choose one;

In addition, students can avail of an amazing opportunity to earn a second

Major Options

(1) Accounting and Finance

The Accounting and Finance major option consists of four main areas: financial accounting and auditing, management accounting, finance and taxation. You will learn about the theory and practice of current accounting standards and their implications for financial reporting, along with practical skills in advanced accounts preparation, financial statement analysis, decision making, investment analysis, performance measurement, costing and cost management systems, portfolio selection, personal and corporate taxation. Graduates of this major option pursue accountancy and/or taxation careers in professional practice or industry.

All of the main accountancy accrediting bodies in Ireland may give some exemptions to UL students who hold an Honours BBS Degree. For further information please visit: www.ul.ie/business/departments/accounting-finance/accounting-exemptions.

(2) Economics and Finance

The modules contained in the Economics and Finance major option follow a logical and progressive sequence that emphasise three inter-related components: a strong monetary and financial component Corporate Finance, Applied Economic Analysis, and Monetary Economics; an international dimension International Economics, Economics of Integration; and an applied dimension Managerial Economics, Industrial Economics and Public Finance. Extensive use of quantitative techniques and an emphasis on the importance of analytical thinking instills transferable skills in Economics & Finance students that they can use and develop in a wide range of careers.

(3) Marketing

The suite of modules that comprise the Marketing major has been designed to explore marketing theory and practice, whilst simultaneously developing a diverse skills-set that will be immediately transferable to

the workplace. Subjects include:

Consumption and Consumer Culture, Marketing Communications, Marketing Research, Digital Marketing, Marketing Intelligence, Strategic Brand Management, Marketing Leadership and Marketing Relationships and Networks. Graduates are likely to pursue careers in product and brand management, marketing research, advertising, sales and general marketing.

(4) Human Resource Management

A number of key practice based modules are integral to this major option which include Human Resource Practice, Employment Relations Practice and HR Analytics. Graduates of the HRM major option will have acquired a comprehensive set of work-related skills in the areas of organisational behaviour analysis, interviewing, conflict management, consulting and performance management and will be ideally placed to pursue careers in human resource management, training and development, management consultancy, employment relations, industrial relations, recruitment and selection and academic research.

(5) Risk Management and Insurance

The Risk Management and Insurance major option modules are designed to explore risk management theory as well as the practice of risk management. Students are introduced to the legal system as it relates to the operation of insurance contracts and insurance claims. Many aspects of insurance law are unique to the insurance system and deal effectively with issues such as fraud. Students learn about the important role of the insurance industry in assessing and pricing risks such as illness and/or death. Risk management functions are directly addressed in modules such as Risk Control and Underwriting and Risk Analysis. Graduates are well placed to take up opportunities in the insurance industry and the wider financial services sector.

Minor Options

In year 3, you will also take a minor option which consists of one module per semester over the final two years. The following Minor Options are currently offered:

- Business Informatics
- Business Research Methods and Final Year Project
- Globalisation – An Economic Perspective
- Entrepreneurship
- Financial Services
- Law
- Management
- Organisational Psychology
- Sociology
- Supply Change Management

Students taking BBS with a Modern Language do not take a minor option; instead, they continue their language studies over the final two years of the programme.

To find out more and to view many other student and graduate profiles, go to www.ul.ie/courses

LM050 Online

The student experience

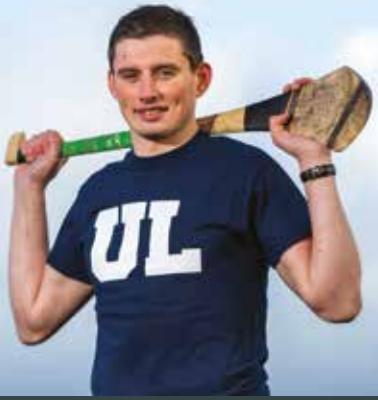


Want to know more? Go to: www.ul.ie/courses/LM050.html

LM050 Bachelor of Business Studies

NFQ Level 8 Major Award Honours Bachelor Degree

Céim Baitsiléara i Staidéar Gnó



Graduate Profile

Gearoid Hegarty

Having graduated with a Business degree, I stayed on at UL to study a Postgrad Masters in Education (PME) to become a Business Studies teacher. Through the PME, you will develop valuable classroom skills including communication and organisation. Although the course was initially challenging, it will provide you with the tools, values and knowledge that will prepare you to shape what may be the next generation of business leaders.

Becoming a teacher was something that always interested me. I saw teaching as a rewarding career, where you can really make a difference. Every day and every class is different. You get to make real use of everything you learned during your degree. I enjoy working with young people and bringing positivity into the classroom. One of the most important elements of teaching is building relationships with the students - you have the opportunity to make an impact and really get the best out of people.

Studying in UL prepared me very well for my career - I learned the importance of preparation, planning and effort. Overall, my experience has helped me to develop a growth mindset – an important and valuable trait as an educator of young people, I feel. Along with developing a career, I've also developed as a person. As I prepared to teach my first class in school, I was completely confident in the skills and knowledge I had learned at UL.

Gearoid is a graduate of both the Business and Education faculties at UL. He is currently employed as a Business Studies teacher.

Cooperative Education

A distinctive and integral part of the BBS in UL is the innovative Cooperative Education Programme. This programme offers students the opportunity of employment in an appropriate business environment for an eight-month period in 3rd year. Students will have an opportunity to apply their business education in a real work environment.

Erasmus/International Exchange

The BBS programme offers you the opportunity to study abroad for a semester at any of our exchange partners across the world. The Kemmy Business School currently has over 80 highly ranked academic exchange partners in over 35 countries. These exchanges are open to both language and non-language students as the vast majority of our partner institutions provide courses taught through English. An exchange placement provides a unique opportunity for you to study at another international institution and the academic, social, personal and cultural benefits of studying abroad are enormous.

Transfer Opportunities for Institute of Technology Graduates

The University of Limerick operates a streamlined transfer system for Institute of Technology graduates. Whether you expect to graduate in the current year at Higher Certificate or Ordinary Bachelor's level or have already graduated and wish to return to pursue a degree programme at the University, applications are welcome. Transferees should hold at least a Merit (2nd Class honours equivalent) Grade and relevant work experience will be an added advantage.

To find out more, go to www.ul.ie/courses/LM050 or www.ul.ie/business or find Kemmy Business School on Facebook or Twitter.

Career Opportunities

Employment opportunities for BBS graduates have been excellent, as the degree provides a general business education as well as an opportunity to combine specialist options that will develop your skills in a number of key areas. Students who complete the BBS may choose from a wide range of careers in both the public and private sectors. The precise job titles will depend upon your special interests and abilities together with the nature of your employer's business (www.ul.ie/careers)

- Typical careers include;
- Tax Consultant
- Banking, Insurance and Financial Services
- Accountant
- Financial Analyst
- Stockbroker
- Pensions and Insurance Administrator
- Risk Analyst
- Economist
- Marketing Brand Manager
- Advertising Account Manager
- Management Consultant
- HR Manager
- HR Recruitment and Training
- Public Relations Officer
- Market Research Analyst
- Social Researcher

Follow-On Study

Related postgraduate options at UL include:

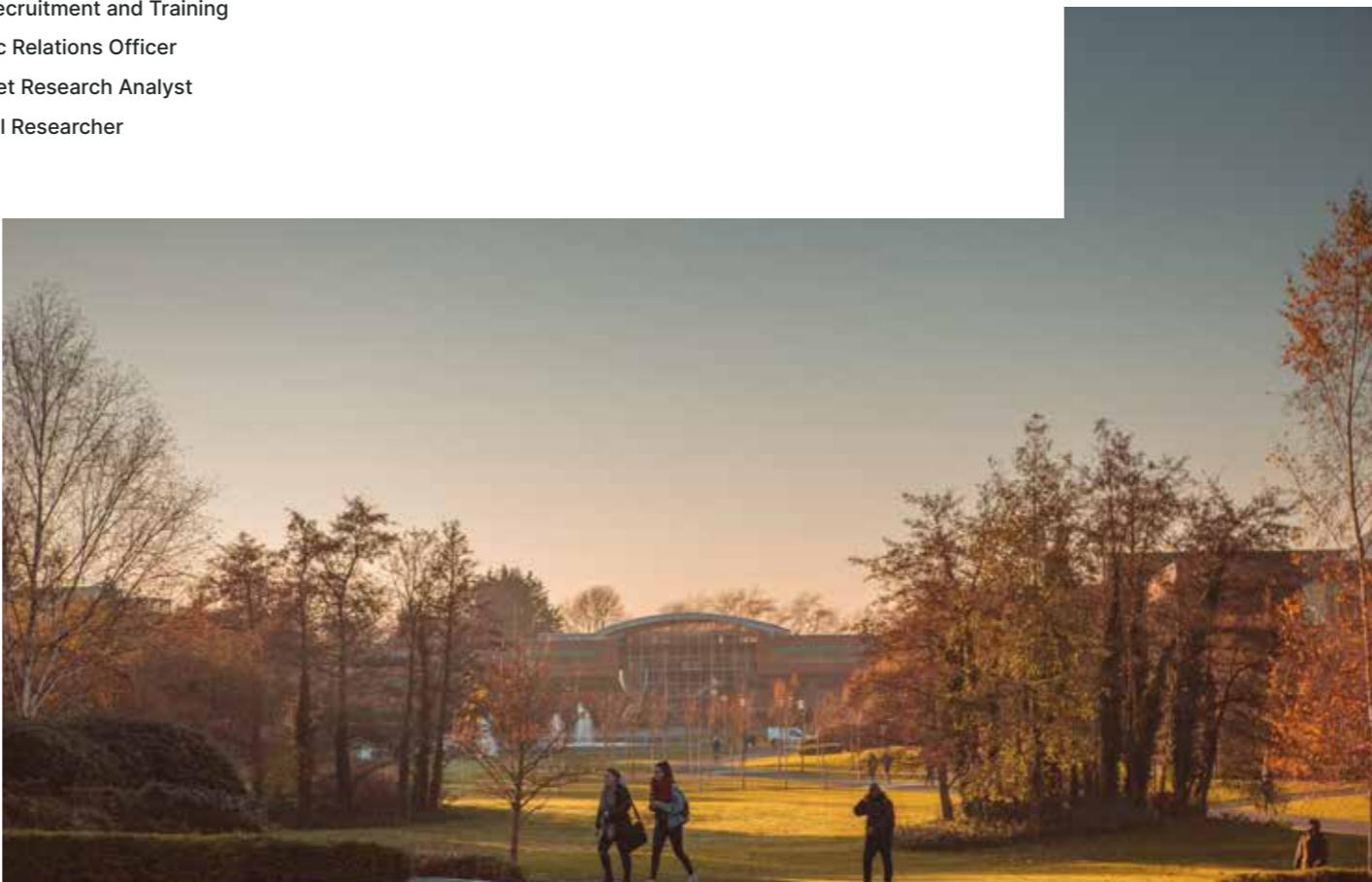
- MSc in Financial Services
- MSc in Risk Management and Insurance
- Masters of Taxation
- MSc in Human Resource Management
- MSc in Economics & Policy Analysis
- MSc in International Management and Global Business
- MSc in Work & Organisational Psychology/Behaviour
- MSc in Marketing, Consumption & Society

LM050 Online

The student experience



Want to know more? Go to: www.ul.ie/courses/LM050.html



Student Profile

Niamh Garry

My first impression of UL was the very positive atmosphere on campus, there is a real sense of a student community around. Sitting in the courtyard with students around, music playing and chatting is a great memory of UL. The facilities are top class.

The reason I chose to do the BBS is because it offered an integral co-operative education placement which I think is very important when looking for a job upon graduation. The program is also well structured and organized. The opportunity to study abroad was also very attractive.

I chose Accounting and Finance as my major as I like working with numbers and it is very structured. I chose German as my minor as I like learning languages, and this opens the opportunity for me to work abroad.

I went on Erasmus to Germany and studied in Cologne. Living independently and meeting like-minded people was an amazing opportunity offered by Erasmus.

I am working in Allianz Technology, based in Munich on my co-operative education (Co-op).

Hands-on, practical work experience is a great learning opportunity and a chance to put the skills we learn in UL into practice in the real working world. It is also beneficial when searching for jobs upon graduation.

After graduation, I would like a career in the financial sector of a multi-national corporation.

Key Fact

The programme will equip you with the necessary competence in key business functions and a range of core skills so as to enable you, on graduation, to embark on a challenging and rewarding career.

LM056 Bachelor of Arts in International Business

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Ealaón i Gnó Idirnáisiúnta

Course Info

CAO Points 2020: 528

Course Length: 4 Years

Course Director: Kieran Gallery

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7 or H4 for language options (See below)

Maths: O4/H7

Other: Students wishing to take a language option must have a H4 in that language, with the exception of Japanese or Beginners Spanish where a H4 in a language other than English is required.

Additional info: • Mature Pathways

About You

If you wish to develop your knowledge of business while learning about the influence of politics, law, history and sociology on business decisions, then this programme might be for you. While other business programmes contain an international perspective, this programme provides an extensive international context that will drive your understanding and creativity. On graduation you can expect to be well-positioned for a career in business, not just in Ireland but with overseas organisations.

If you want to:

- Discover a distinctive undergraduate experience
- Design your own degree programme
- Study and work abroad
- Enjoy a programme that puts business in an international framework
- Be prepared for rewarding graduate-level employment

Then this programme might be for you.

Why study International Business at UL?

The BA in International Business will provide you with a distinctive and challenging undergraduate experience. The programme is structured around a broad and flexible curriculum with subject choices that will help you to understand how business decisions are undertaken in a globalised world shaped by political, social and legal issues.

Under the 'normal' pathway, students spend years 1, 2 and 4 in UL. An international study/work placement in year 3 is a core part of the programme. This international experience will allow you to attend university in Europe, the US, Latin America, Asia or Australasia. Having the chance to push your learning in a new environment is a challenging and exciting part of the programme.

By the end of this course, you will have...

- The ability to apply specialised technical, analytical and creative skills which are fundamental to problem-solving and decision-making in the business world.
- The knowledge and skills to acquire information and engage with ideas and concepts that emerge from other business cultures.
- An array of advanced skills needed to conduct guided research in a range of business contexts.
- The capacity to effect change responsibly in business, professional and academic environments.

In addition, students can avail of an amazing opportunity to earn a second degree from a leading international business school. Under this alternative 'dual degree' pathway, BA in International Business students spend their first two years studying in Limerick and their last two years studying at another Business School (while retaining an international work placement). Upon successful completion of their four years of study, students will receive both UL's BA in International Business degree and an equivalent degree from the other business school.

LM056 Online

Want to know more? Go to:
www.ul.ie/courses/LM056.html

Career Opportunities

Graduates have been offered roles in leading multinational organisations such as Accenture, Google, Intel, Jameson, Deloitte, KPMG, and Kerry Group. It is expected that graduates will be ideally suited to working in an international context, employing their familiarity with other cultures and the international business environment.



Follow-On Study

Related postgraduate options at UL include:

- MA in International Tourism
- MSc in International Entrepreneurship Management
- MSc in Marketing, Consumption & Society
- MSc in Economics and Policy Analysis
- MSc in International Management & Global Business
- MSc in Work & Organisational Psychology/Behaviour
- MSc in Human Resource Management
- Master of Taxation



Graduate Profile

Daithí Higgins

The ability to exercise discretion over my education, coupled with guaranteed international study and work placements, were the key pull factors in my decision to pursue the BAIB degree in UL. I always wanted to gain experience in all business fields and the BAIB degree afforded me this luxury.

I chose the dual-degree programme with Kedge Business School, Marseille, and fell in love with the city, and its people. During my time enrolled at UL I engaged with people from over 25 different nationalities, from a diverse range of backgrounds. The chance to study – and more importantly, to live – abroad was key in encouraging me to pursue a globally oriented career, as I have now begun to do with First Derivatives.

The highlight? My international six-month work placement, where I found myself working for Mitsubishi Fuso Truck and Bus Corporation in Kawasaki, Japan, as a parts pricing intern.

To sum up my overall degree experience: flexibility, global-focus, opportunity.

Key Facts

International study and work placement for a full academic year is a core part of this programme.

This degree will give you the opportunity to achieve Dual Degrees at leading international business schools.

Student Profile

Cian O'Donnell

Choosing International Business was a clear decision for me. BAIB offers a unique opportunity for students to tailor their course of study to their own interests, while also gaining a year of study and work placement abroad. Each semester you have an option of selecting various modules. This differs from other degrees, as your path is more dependent on you and your personal preferences. I wasn't entirely sure on which stream of Business I would like to branch off with, so I chose them all!

The BAIB allowed me to explore more in detail areas that came naturally to me, Marketing and People Relations for instance, whilst simultaneously giving me the opportunity to improve my French language skills. When I graduate, I'll have a degree with a combination of modules completely unique to me, playing greatly to my strengths and my future prospects.

I am currently in Rotterdam, the Netherlands on my Co-Operative Education placement. Even with the trials and tribulations of Covid-19, the BAIB class were still given the opportunity to complete their placement internationally. This was important for me as I wanted to venture outward and experience new cultures, meet new people and see new places. I'm working as a Business Development Intern for a company called TriGlobal. My time at TriGlobal thus far has been extremely enjoyable and educational. Additionally, in my role I am able to speak with partners from all over the world, improving my professional and personal skills by capitalising from TriGlobal's excellent collaborative culture.

I think there are a plethora of advantages that come from UL's Co-Op programme. Firstly, there is the professional development aspect. For most of us, this is our first professional role, and we experience everything from the recruitment process to the exit interview. We gain a comprehensive view of how this world works which will be beneficial as we progress in our careers. We also learn the basic skills required to be competent in the workplace, gaining an idea if we would like to continue along this line of work in the future. Secondly, I think that the personal development that occurs during Co-Op is paramount to us students at such a vital point in our lives.

Faculty of Science & Engineering

Dámh na hEolaíochta agus
Innealtóireachta



The Faculty of Science and Engineering offers a wide range of degree courses delivered in state-of-the-art facilities. You will undertake a nine-month work experience placement as part of the UL Co-operative Education programme which is an integral part of each course.

The student support centres in Mathematics, Science and ICT provide a drop-in-service with one-to-one tuition and additional learning resources for all students.

As a Science and Engineering graduate, your qualification will provide exciting opportunities and a flexible, rewarding career in this ever-changing world.

Common Entry to Science and Engineering at UL

Along with many direct entry programmes, UL's Faculty of Science and Engineering offers a suite of Common Entry programmes which are designed to provide you with a gateway to better choice if you're unsure which area you'd like to study.

By choosing one of these entry routes, you can avail of a broad common first semester/year which will introduce you to various topics in each field. Having gained an understanding of each subject area, you then choose your preferred pathway to specialise for the remainder of your degree programme. At UL, you get to try before you decide.

LM116 Engineering

(Biomedical or Civil or Design & Manufacture or Mechanical) is a gateway to a degree in either

- BE Biomedical Engineering OR
- BE Civil Engineering OR
- BE Design and Manufacture Engineering OR
- BE Mechanical Engineering

LM121 Computer Science

(Computer Systems or Computer Games Development or Cyber Security and IT Forensics) is a gateway to a degree in either

- BSc Computer Systems OR
- BSc Computer Games Development OR
- BSc Cyber Security & IT Forensics

LM122 Creative Media and Interaction Design

(Digital Media Design or Music, Media & Performance Technology) is a gateway from Semester 2 (Year 1) to a degree in either

- BSc Digital Media Design OR
- BSc Music, Media and Performance Technology

LM123 Biological and Chemical Sciences

(Bioscience or Environmental Science or Industrial Biochemistry or Pharmaceutical & Industrial Chemistry) is a gateway to a degree in either

- BSc Bioscience OR
- BSc Environmental Science OR
- BSc Industrial Biochemistry OR
- BSc Pharmaceutical and Industrial Chemistry OR
- BSc Biomedical Science

LM124 Mathematics

(Mathematical Sciences or Mathematics & Physics or Economics & Mathematics) is a gateway from Semester 2 (Year 1) to a degree in either

- BSc Economics and Mathematics OR
- BSc Mathematics and Physics OR
- BSc Mathematical Sciences

LM125 Physics

(Applied Physics or Mathematics & Physics) is a gateway from Semester 2 (Year 1) to a degree in either

- BSc Applied Physics OR
- BSc Mathematics and Physics

LM058 Bachelor of Science in Financial Mathematics

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta sa Mhatamaitic Airgeadais

Course Info

CAO Points 2020: 403

Course Length: 4 Years

Course Director: Dr. Eberhard Mayerhofer

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H3

Other: —

Additional info:

- Mature Pathways
- QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Financial Mathematics is a great choice for someone who likes maths and wants to work in the business, financial or banking sectors. Business degrees tend to have very little maths, so most employers are very keen to hire graduates with good quantitative skills as well as a financial background.

Why study Financial Mathematics at UL?

The aims of the degree are to produce graduates with developed mathematical, statistical and computing skills, and the ability to apply them to the quantitative analysis of industrial, commercial or financial business decisions.

The programme also aims to produce graduates with sufficient mathematical, statistical and computing skills to undertake postgraduate work in these or related areas.

These aims give rise to the following objectives:

- To provide an education at a suitable level in the appropriate branches of mathematics, both by exploring and developing standard methods and techniques with due use of mathematical, symbolic and statistical computing packages.
- To introduce you to state of the art theory and methodologies in the world of pricing of financial products and

modelling of markets and the practical implementations of these models.

- To demonstrate the application of mathematics to problems drawn from industry, commerce and financial services.
- To provide you, through Cooperative Education placement, with experience of working in a company or department where your own developing skills can be utilised.

What you will study

You will learn about trading, asset management and risk analysis of complicated financial products while at the same time developing solid mathematical skills. Typical modules include;

- Calculus
- Mathematical and Statistical Models of Investments
- Stochastic Differential Equations for Finance
- Numerical Analysis

While this course is not an Actuarial Course, graduates can obtain the actuarial exemption CT3.

There are many career opportunities in financial trading companies, teaching, investment companies, banks, government financial bodies, actuarial and insurance companies, energy and power companies, agribusinesses etc.

LM058 Online

The student experience



Want to know more? Go to:
www.ul.ie/courses/LM058.html

Career Opportunities

Careers open to you with a degree in Financial Mathematics include:

- Investment analyst (financial services)
- Secondary school maths teacher
- Actuarial analyst
- Accountant
- Risk analyst (insurance)
- Hedge fund manager
- Data analyst (bank)
- Senior business analyst (software company)

Follow-On Study

Recent graduates have undertaken a variety of Masters courses in Ireland, the UK and US, some with scholarships. Graduates are also involved in doctoral research, some supported by MACSI at UL.

Related postgraduate programmes at UL include:

- MSc Mathematical Modelling
- MSc Computational Finance



My advice to school leavers is to be honest with yourself when choosing a course. Focus on figuring out what comes naturally to you, what you enjoy doing and from there think about what course might best fit these interests.

Maria currently works in Mergers & Acquisitions at a New York Investment Bank



Graduate Profile

Maria Hehir

Growing up in Ireland during the booming Celtic Tiger and suddenly being exposed to a global financial crisis - this sparked my interest in finance. This course at UL seemed like the perfect fit for me. It is demanding and time-consuming, but all the while building a backbone for the real world and prepared me for a career in investment banking, an industry notorious for its demanding hours.

Having a great degree, along with an 8-month co-op experience from a highly accredited firm will give you an edge over others after graduation. Facilities at UL are very impressive - the Trading Floor is equipped with the latest trading and investment software to deliver high-speed, real-time global trading data. As Ireland's first campus-based, simulated trading floor, it is believed to be the first of its kind in an EU University.



Student Profile

Fiona Coughlan

Mathematics is a universal language; it makes up the world that we live in and Financial Maths at UL allows you to explore and engage in real-life mathematical situations. As a student on this course, I've developed an analytical mind. I've also gained valuable skills like problem-solving and logical reasoning which are highly sought after in any line of work. This course introduces the student to a wide variety of mathematical areas such as Data Analysis, Statistics, Fundamentals of Financial Mathematics and Computer Software to name but a few. It is also worth mentioning that it is one of the most employable degrees in the country to have, which will help your mother sleep at night!

As a UL student, I was fortunate enough to work in the world's leading airline leasing company, GECAS in Shannon. Through this 8-month experience I was able to apply the skills that we had learned on our course to the workplace.

If you have a flair for Maths or Applied Mathematics in secondary school, then you will enjoy to the fullest what this course has to offer. UL certainly ticks all the boxes as the place in which you want to spend "the best years of your life"!

Key Fact

The aims of the degree are to produce graduates with developed mathematical, statistical and computing skills, and the ability to apply them to the quantitative analysis of industrial, commercial or financial business decisions.

LM063 Bachelor of Science in Technology Management

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i mBainistíocht Teicneolaíochta

Course Info

CAO Points 2020: 379

Course Length: 4 Years

Course Director: Dr Alan Ryan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 in any one of the following: Applied Mathematics, Physics, Chemistry, Physics with Chemistry, Engineering, Technical Drawing/Design & Communication Graphics, Technology, Construction Studies, Agricultural Science, Biology, Computer Science.

- Additional info:**
- Mature Pathways
 - QQI Pathway

About You

Are you the type of person who likes being hands on, making decisions, organising people and making things work better? Do you like the idea of being in charge of something from start to finish? Do you enjoy designing creative innovative solutions to problems, working in teams and individually?

Then this programme might suit you.

Why study Technology Management at UL?

It opens up opportunities for you to work in numerous roles in a wide range of industries.

Technology Management has been designed and developed in consultation with a panel of leading industrial experts to ensure that you will have the skills needed by industry. Technology Management is accredited by Engineers Ireland at Associate Engineer Level.

You will experience a broad range of subjects that will give you a good insight into the workings of modern industry. Due to the mix of business & engineering subjects, graduates have a strong track record of securing employment. All subjects on the course are taught as if you have never experienced that subject before, and are taught through lectures, tutorials and/or practical hands-on sessions.

What you will study

In this 4 year degree programme you will study subjects which cover the principles and practice of Technology Management. The programme can be divided into a number of subject streams – so you will experience all aspects of an industrial environment over the course. All subjects are taught on the assumption that you have never before studied them.

During the Spring Semester of Year 3 and the subsequent summer, a period of Cooperative Education provides experience of the practice and application of Technology Management in a working environment. Such relevant industrial experience has proven very beneficial to students seeking employment after completing their studies.

Business Stream: Subjects include Employee Relations, Human Resource Management, Financial Accounting and Economics. The objective is to provide you with an understanding of the costs associated with designing and making a product and the laws around treating employees in the workplace.

Technology Management Stream:

Subjects include

LM066 Bachelor of Science in Environmental Science

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

CAO Points 2020: New for 2021

Course Length: 4 Years

Course Director: Dr. Peter Davern

Enquiries

Email: peter.davern@ul.ie

Tel: 00 353 61 213185

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: H4 in one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry.

Additional info: • Mature Pathways

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

Note: You can also enter this course through LM123 Biological and Chemical Sciences Common Entry.

About You

Are you concerned about the quality of our environment? Do you want to understand more about the global and national challenges of climate change? Would you like a career helping to make improvements to our environment for the benefit of this and future generations? Do you want a challenging career and one tailored to meet the needs of a wide spectrum of employers? Then perhaps you should study Environmental Science at UL.

The direct entry route to Year 1 of this degree at UL is via LM066 Environmental Science.

Note: You can also enter LM066 Environmental Science via LM123 Biological and Chemical Sciences Common Entry whereby you choose LM066 Environmental Science as your exit route at the end of Year 1 – see LM123 Biological and Chemical Sciences Common Entry for more details.

Why study Environmental Science at UL?

Maintaining both the quality of life and a clean and healthy environment is now a major concern of Government, employers, non-governmental organisations and citizens. The EU now has a very comprehensive environmental policy, and as a Member State, Ireland is obliged to act in accordance with this policy.

More stringent environmental requirements are being placed on

industry and the community in areas such as energy usage, waste minimisation, waste management, recycling, water and air quality. Consequently, there is a strong demand for graduates with a scientific understanding of environmental, health and safety issues, together with a full knowledge of technological and management methods available to help improve the quality of our environment. What makes Environmental Science at the University of Limerick distinctive is its relevance to industry and business, through a focus on environmental technology, environmental management and health & safety in the workplace.

Having followed a mostly common first year, you will then be provided (in your second, third and fourth years) with a strong foundation in biology, chemistry and ecology, and with an in-depth knowledge of environmental technology, environmental management, conservation and waste management.

The main areas of study will include

- **Environmental Science** - the application of the fundamental sciences to environmental issues
- **Environmental Management** - the assessment of a broad range of issues around global warming and how strategies can be developed and implemented to protect all aspects of the environment

Course Structure

The degree programme is four years in duration. Early modules are concerned with building up your understanding of core science relevant to the environment (biology, ecology, chemistry, computing, mathematics and physics) as well as core subjects in Environmental Science. The basic concepts used in these subjects are applied to specific environmental science applications. Later modules in the programme focus on the areas of environmental management, environmental technology,

environmental impact assessment, geographical information systems, waste management, environmental monitoring and health & safety.

In the third year, the University organises Cooperative Education for all students. This is a period of approximately eight months of paid employment for you in a position which is relevant to environmental science. This placement benefits you in a number of ways in that it:

- facilitates you in applying techniques and knowledge acquired in the University to the workplace environment,
- provides you with significant environmental experience which may be of help when seeking a position on graduation, and
- gives you the opportunity to work as part of a team to solve real problems in the workplace.

In the final year of the programme you will undertake a research project in some aspect of environmental science. The project is supervised by an academic member of staff with specific expertise in the area and the project runs over both semesters.

Career Opportunities

Careers open to you with a degree in Environmental Science include:

- Environmental Officer
- Environmental Laboratory Scientist
- Environmental Consultant
- Environmental Auditor
- Water Conservation Officer
- Water Quality Scientist
- Waste Management Technical Officer
- Environmental Health & Safety (EHS) Officer

Environmental Science graduates are readily employed in a broad range of sectors, such as:

- Chemical, Biotechnological and Medical Devices industries
- Energy generation
- Electronics manufacture
- Environmental Protection industries
- Transport Sector
- Construction / Mining industries
- Environmental Consultancy companies
- Local Authorities
- Environmental Protection Agency

Follow-On Study

A number of graduates have gone on to pursue taught MSc programmes in key areas such as Geographic Information Systems (GIS), environmental engineering, environmental impact assessment (EIA) and clean technology. Other graduates have also pursued MSc/PhD by research at the University of Limerick and also at other international centres of research excellence including the Universities of Copenhagen, Mississippi State in the US, Monash in Australia and Waterloo in Canada.



Student Profile

Niamh O'Sullivan

The main reason I chose UL is the Co-Op opportunity. A few third level institutions offer Environmental Science, however UL's degree includes 8 months' work experience. This meant that when I graduated, I would have gained skills that can only be developed in industry and I also would have relevant work experience in my future field. UL courses are focused on developing industry-ready graduates.

I was always interested in science in school, having studied both chemistry and biology, however I really enjoyed geography for my Leaving Cert. This course features all three subjects, along with field work and lab work, which I really enjoyed in school. Chemistry also features strongly, and even if you don't have a strong chemistry background, the lecturers do their best to get everyone up to the same level.

My co-op experience was probably the highlight of my course experience. I worked at Irish Cement Ltd, in Drogheda Co. Louth, for my placement. Working with the plant's Environmental Manager as part of the Environmental team, it was a great opportunity to see how environmental protection is applied to large scale industry. The job of an environmental scientist is to look at all aspects, from pollution to economy to infrastructure and quality of living, and that decisions need to be the best for everyone.

I was busy with lots of opportunities to learn both inside the office and out. I gained hands-on experience with sample collections and also got experience in filling out my first Annual Environmental Report. During my placement I also had the opportunity to interact with the EPA and Natura and was invited to the annual environmental review meeting held between the Limerick and Drogheda Irish Cement sites.

My favourite part of my Co-op was the opportunity to meet and work with consultants in the field. My goal is to own my own environmental consultancy, so it was great to see that there were so many areas, from water testing to dust sample testing to biodiversity reports.

Choosing UL gave me the opportunity to work with excellent people who did their best to share their knowledge and professional experience with me.

Key Fact

What makes Environmental Science at the University of Limerick distinctive is its relevance to industry and business, through a focus on environmental technology, geographical information systems, environmental management and health & safety in the workplace.

LM068 Bachelor of Science in Food Science and Health

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i mbia-Eolaíocht agus Sláinte

Course Info

CAO Points 2020: 421

Course Length: 4 Years

Course Director: Dr. Eibhlís O'Connor

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: H4 in any one of the following: Applied Mathematics, Physics, Chemistry, Physics with Chemistry, Biology, Agricultural Science

Additional info: • Mature Pathways

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

Why study Food Science and Health at UL?

This B.Sc. programme in Food Science and Health prepares graduates for careers in Ireland's largest industry. About 40,000 people are employed in the food industry which generates an annual gross output of approximately €15.6 billion. The Government has targeted the food sector as being of great strategic importance, capable of generating considerably more wealth and employment. Since there is a direct link between diet and health, consumers are becoming more health conscious and are demanding higher quality foods that maintain health and prevent disease.

This Food Science and Health degree programme has been developed to meet these needs among consumers, the food industry, academic and research organisations, and government agencies.

You will find the study of Food Science and Health challenging and rewarding. This degree programme will combine the study of nutrition, human physiology and diet-health relationships with classical food science and technology.

This broad-based degree programme covers such topics as:

- Food science and technology
- Food quality
- Food ingredients

- Food chemistry
- Food microbiology
- Diet and health
- Food processing
- Food safety
- Project management
- Human nutrition
- Public health nutrition
- Advanced nutrient metabolism
- Human physiology
- Food biotechnology

Outside of the food sector, non-food uses of existing and new raw materials are also considered.

What you will study

The programme is four years in duration. The course starts with basic science, developing key areas such as chemistry, biochemistry and microbiology, human nutrition and physiology, together with introductory food science and health.

In the third and fourth years there is a series of modules dealing with;

- Health and Food
- Food Chemistry
- Food Processing and Process Engineering
- Food Quality and Food Microbiology
- Food Ingredients
- Food Biotechnology

LM068 Online

The student experience



Course description



Want to know more? Go to:
www.ul.ie/courses/LM068.html

Career Opportunities

Careers open to you with a degree in Food Science and Health include;

- Food Scientist/Technologist
- Dairy Industry Scientist
- Quality Assurance manager
- Brewer
- Environmental Health Officer

UL Food Science and Health graduates find employment in a diverse range of key roles in areas such as;

- Food Microbiology
- New Product Development
- Process Development
- Technical Management
- Food Ingredients
- Food Safety
- Ready-to-use Foods
- Functional Foods/Nutraceuticals

Outside of industry, career opportunities arise in the public service and with regulatory agencies. The programme also prepares graduates for postgraduate academic research.



Graduate Profile Lorraine Stone

A day in the Life of an R&D Technologist

The role of R&D technologist is very varied and involves project management, recipe formulation and product development right from the concept stage up to industrialisation and product launch. The role also involves dealing with stakeholders and global markets in the development of new products within safety, regulatory and market specific requirements. Innovation and idea generation are key activities as well as keeping on top of industry trends including new launches. It is a challenging job, which requires both creativity and logic.

My degree at UL prepared me for my career by providing me with a strong scientific base, skills in independent project work and a fantastic opportunity to build real world experience through the Co-Operative Education work placement scheme.

Lorraine's tip:

Make sure you enjoy and are passionate about the subject area you choose to study. Try to get relevant work experience wherever you can as it will strengthen the knowledge and understanding you are building up in your coursework. Enjoy the great facilities, clubs and societies that UL has to offer - they are second to none and you will make life-long friends.

Lorraine is currently employed as a Research & Development Technologist with Wyeth Nutrition (Nestlé Research).

Key Fact

This degree programme will combine the study of nutrition, human physiology and diet-health relationships with classical food science and technology.

LM076 Bachelor of Science in Product Design and Technology

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i nDearadh & i dTeicneolaíocht Tárgí

Course Info

CAO Points 2020: 408 (plus portfolio)

Course Length: 4 Years

Course Director: Niall Deloughry

Enquiries

Email: SchoolofDesign@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 in any one of the following: Applied Mathematics, Physics, Chemistry, Physics with Chemistry, Engineering, Technical Drawing/ Design & Communication Graphics, Technology, Construction Studies, Agricultural Science, Biology, Computer Science.

Other: Portfolio required (see note on opposite page)

Additional info:

- Mature Pathways

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you curious and imaginative? Do you like a creative challenge? Would you enjoy developing solutions that improve the quality of people's lives? Then product design and technology might be the course for you.

60% of the learning takes place in a studio based environment through hands-on practical projects. Purpose built workshops and visualisation labs along with experienced design lectures and technical staff support the students learning.

What is product design and technology?

Product design is the design of products and systems that enhance people's lives, such as a diabetes monitor or an underwater search and rescue system. The areas within which product designers work is extensive, ranging from digital product development to innovative medical device design to user experience design.

In recent years, industries are recognising the positive impact design can have on both business and society, opening up new roles for design led thinkers.

Why study Product Design and Technology at UL?

Product Design and Technology (PDT) is a learning environment that cultivates exploration and creativity. Here design students are challenged to question norms and create innovative solutions that positively affect future life experiences. Our values lie in human-centred, responsible and collaborative approaches with technological know-how.

Our strong links with industry and community partners, along with a 8-month industrial placement, offers our students real world experience during their programme of study, ensuring they are best placed for employment upon graduating. Opportunities to study abroad are extensive due to our network of partners across Europe, India and the US.

During four years of design education, students design products and services across a broad range of themes and subjects including digital technologies, healthcare and well-being, consumer electronics, sustainability, social impact, as well as user experience. International guest lecturers, masterclasses and field trips are also part of the curriculum to ensure a comprehensive learning experience.

PDT has had multiple design award winners in competitions such as The Dyson Award, The Universal Design Challenge, The IDI Awards, The Enterprise Ireland Entrepreneur Awards, and The Undergrad Awards.

LM076 Online

The student experience



Course description



Want to know more? Go to:
www.ul.ie/courses/LM076.html

What you will study

The PDT course structure is built around a design studio based approach, with complementary subjects run in parallel such as; ergonomics, psychology, manufacturing, engineering, management, and entrepreneurship.

Design studio compromises the core element of the programme, where students focus on basic skills acquisition in year 1, development of thinking tools, visualisation skills, CAD, user centred design research, and design in context in year 2. Design fluency and refinement are honed during the first semester of year 3 followed by an opportunity in the second semester for students to study abroad or undertake an 8 month work placement. In year 4 students work in teams with an industry partner over an intense 6 week period, followed by an individual Design Project – a self-selected design brief focused on any area of personal interest.

Portfolio Entry

As of 2019 all applicants (School Leavers and Mature) to the BSc. Product Design + Technology at UL must submit a digital portfolio and written statement for assessment. These submissions must be used to demonstrate the applicants' **APTITUDE** for, and **INTEREST** in Product Design. Portfolio submission details will be selected to suit the CAO application schedule. You can see more details and examples of portfolios on the LM076 webpage.

Mini Project: If you do not have enough work to include in your Portfolio, perhaps try the Mini Project. This year's design brief is on the LM076 webpage.

Portfolio Entry Deadline: Portfolios must be emailed as a PDF document to schoolofdesign@ul.ie before 5pm on 15th April 2022.

The document name must include your CAO number and full name. For Example: 18999999_David_Smith.pdf

You will receive feedback through the Admissions Office in UL within 2 weeks to confirm whether you have passed or failed the portfolio review.

Career Opportunities

Recent graduates of PDT have followed careers in a wide variety of fields including; design consultancy, lighting and furniture, bio medical design, manufacturing, user experience design, computer aided design, toy design, sports products, assistive technologies, start-up companies, design research, environmental design, interactive design, innovation, design strategy and management.

Recent graduates are working for employers such as Dolmen Design, Stryker Instruments, Johnson & Johnson, Valeo, Wazp, Cartamundi, and Logitech.

Follow-On Study

Our PDT graduates have excellent creative skills, a capacity for innovation and deep technical knowledge which could lead to research opportunities with our Design Factors research group. Check out www.designfactors.ie for samples of the research projects undertaken.

Graduates might also opt for postgraduate study in related UL courses such as MSc. Design for Health and Wellbeing.



Student Profile Maya Brennan

I chose to study at UL both for its amazing campus facilities and its unique selection of courses. UL is one of only a small handful of colleges in Ireland that offer my course (Product Design) and I have enjoyed every minute of it. When I was deciding on a future career, I was torn between studying Art or Engineering. Then I discovered Product Design and Technology, the perfect mix of both! I was first drawn to the course's hands-on approach to teaching, as there seemed to be a great balance of lectures, labs and workshops.

Product Design and Technology has a really great variety of modules. I especially enjoyed our Design Studio modules, where we learned about sketching, model making, graphics, problem solving and computer aided design. The best part is that we have our own studio space, workshop and computer lab open to all product designers.

One of the best things about Product Design is that I was constantly pushed to learn different skills and explore new ideas. Each project allowed me to express my creativity, broaden my skillset and work with super talented people. The course also presented me with huge opportunities like winning the AutoCAD Design Student Award in first year, and the Johnson & Johnson's Women in STEM2D Scholarship in second year.

I was also lucky to go on Erasmus, to the world-famous TU Delft in Holland. Although my travels were cut short by the COVID-19 pandemic, it was still an incredible experience. In the weeks I was there, I learned so much about design and Dutch culture – I also made loads of new friends from all around Europe.

Key Fact

Product Design & Technology graduates from UL have won both national and international design competitions including; the Dyson Award and several Institute of Designers in Ireland awards.

LM077 Bachelor/Masters of Engineering in Aeronautical Engineering

NFQ Level 8 Major Award Honours Bachelor Degree/Level 9 Major Award Honours Masters Degree

Baitsiléir Innealtóireachta in Innealtóireacht Aerloingseoireachta

Course Info

CAO Points 2020: 520

Course Length: 4 Years

Course Director: Dr Ronan O'Higgins

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Science: O6/H7 in any one of the following: Applied Maths, Physics, Chemistry, Physics with Chemistry, Engineering, Technical Drawing/Design & Communication Graphics, Technology, Biology, Agricultural Science, Construction Studies, Computer Science.

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you like science, and its application to solve real world problems, then engineering may be for you. If you are also enticed by the thought of working in the exciting field of aeronautics, then you should almost certainly choose Aeronautical Engineering at UL.

Why study Aeronautical Engineering at UL?

The Aeronautical Engineering course at UL is your gateway into the hugely exciting aerospace industry. This elite course is one of the most respected in Europe, and is supported by outstanding facilities, including wind tunnels and composites manufacturing equipment. Right now, job prospects have never been brighter for Aerospace Engineers, with a major shortage in Europe. More than 70% of our graduates work in the Aerospace industry and 63% live in the Republic of Ireland.

Our graduates have reached the highest echelons of the Aerospace industry and job prospects have never been brighter for Aerospace Engineers. In 3rd year, top-performing students can spend a semester at the world-renowned Embry-Riddle Aeronautical University in Florida, USA, or at Georgia Institute of Technology in Atlanta, USA which is currently ranked in the top 5 US engineering schools.

What you will study

The Bachelor of Engineering (B.E.) and Masters of Engineering (M.E.) programmes are 4 years and 5 years in duration, respectively. Both include an eight month period of Cooperative Education spent in an appropriate industrial environment. The course provides a broad and practical programme of study, which gives you a good understanding of aircraft design, aerodynamics, structures, propulsion, control, materials, avionics, business and maintenance, and enables you to work in all sectors of the aerospace industry.

The programme is fully ECTS (European Credit Transfer System) compliant, allowing student mobility across Europe. In addition, students wishing to transfer from Level 6 or Level 7 Engineering programmes can gain access into the second or third year of the programme.

The first two years provide you with a foundation in the fundamental engineering disciplines, and subjects taught include:

- Air Transportation Management
- Mathematics
- Thermodynamics
- Materials Science
- Introduction to Engineering
- Production Technology
- Aerodynamics

- Aircraft Maintenance
- Engineering Mechanics
- CAD (Computer Aided Design)
- Fluid Mechanics
- Electrical Engineering
- Chemistry

The eight-month industry placement occurs at the end of year two. The University has links throughout the aviation industry, which has enabled students to be placed in prestigious aerospace companies such as Boeing and Airbus.

During the third and final years, all students study fundamental aeronautical engineering subjects such as:

- Flight Mechanics
- Aircraft Design
- Aircraft Stability and Control
- Aircraft Propulsion
- Aircraft Structures

The course also includes a flight testing module, where students conduct an in-flight testing programme. A series of flight exercises are carried out over the course of a week, in a twin engine turbo-prop aircraft, in which students are provided with individual consoles for monitoring the aircraft's performance.

In fourth year M.E. students will get the opportunity to apply their knowledge of aircraft design in the Design, Build and Fly project. Run over two semesters, the students are required to Design, Build and Fly a model aircraft that has to satisfy specifications set annually by the American Institute of Aeronautics and Astronautics (AIAA). For videos of previous designs check out YouTube (search for "UL DBF").

Integrated M.E. in Aeronautical Engineering

Education to Masters level is required for the attainment of Chartered Engineer Status in Ireland. In response to this requirement, UL now offers an integrated Masters of Engineering (M.E.) in Aeronautical Engineering. All students enter UL on the Bachelor of Engineering (B.E.) programme and are given the option at the end of their third academic year of continuing with their B.E. studies or following a M.E. path (subject to academic requirements being achieved). Those choosing the M.E. path will study specialist Masters' modules and will receive recognition of their specialisation on their transcript (e.g. Aerostructures, Fluid Dynamics or Computational Methods).

Please contact the Course Director for more information on the B.E./M.E. paths

LM077 Online

The student experience



Course description



Want to know more? Go to:
www.ul.ie/courses/LM077.html

Career Opportunities

Our graduates have reached the highest echelons of the industry and include Boeing Engineer of the Year 2011, Wing Architect for the Airbus A350, the Rolls Royce Customer Fleet Director, Aviation Authority Inspectors, Commercial Pilots, Air Force Pilots, Flight Instructors, Chief Engineers, Aerodynamicist for the Lotus Formula 1 team, Energy Recovery Systems Engineer for Mercedes Formula 1 engines, and many, many more people in highly senior roles. Some of the areas our graduates are currently pursuing careers in are:

- Aircraft Aerodynamic Design and Analysis
- Aircraft Structural Design and Analysis
- Aircraft Engine Design and Analysis
- Aircraft Manufacturing
- Aircraft Leasing and Financial Services
- Aircraft Engine Maintenance
- Computer Aided Engineering Software Development
- Pneumatics and Cabin Systems
- Aircraft Flight Testing
- Flight Simulator Design
- Industrial Fluid Flow Simulation
- Automobile Aerodynamic and Structural Analysis

You should also note that a degree in aeronautical engineering does not tie you to the aerospace industry. Some of our graduates have chosen to take up jobs in fields such as biomedical engineering, mechanical engineering, materials science, and even finance.



Student Profile

John McLaughlin

Throughout this course, we get to apply "real-world" engineering experiences to projects like stress analysis of aircraft structures using Finite Element Analysis and the highlight of the final year - designing, building and flying of a radio controlled (RC) aircraft.

I undertook my Co-Op with Boeing, the world's largest aerospace company, in Seattle, Washington where I worked on the engineering team of the 777X aircraft. One of my main roles was testing the functionality of the Autopilot which involved many fun hours in a flight simulator. I acquired many skills during my time at Boeing, such as writing Matlab scripts and using CAD packages such as Catia, all of which will assist me in my future career. This was an unforgettable experience in Seattle in which I was exposed to the many opportunities that are available in the aviation industry, not just in Ireland, but around the world.

Key Fact

The course is accredited by Engineers Ireland and is the only NFQ Level 8 degree course in Aeronautical Engineering in the Republic of Ireland.

LM082 Bachelor of Science in Construction Management and Engineering

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i mBainistíocht agus in Innealtóireacht Foirgníochta

Course Info

CAO Points 2020: 398

Course Length: 4 Years

Course Director: Claire Robinson

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: O4/H7 in any one of the following: Applied Mathematics, Physics, Chemistry, Physics with Chemistry, Engineering, Technical Drawing/Design & Communication Graphics, Technology, Construction Studies, Agricultural Science, Biology, Computer Science.

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: NFQ (National Framework of Qualifications) Level 7 holders in Construction or Building Management, of 3 years duration, passed with credit or distinction, will be considered for exemption from the first two years of the degree programme.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

Why study Construction Management and Engineering at UL?

The main aim of the course is to give you the skills to take projects from design to reality. The course will provide you with a broadly based management and technological education so that you are capable of recognising, evaluating and solving constructional and business problems associated with building and civil engineering projects.

The course will teach you how to adapt to technological change in a competitive industrial climate. Managing construction projects requires a high level of organization, both commercially and technologically. Construction management prepares you to systematically plan, organise and manage resources such as finance, labour, plant and materials. Construction engineering gives you the skills necessary to implement processes and methods of construction to produce a quality building in an efficient and safe manner.

What you will study

The course is of four years duration with an 8 month cooperative education experience in an industrial placement

between the end of the first semester in Year 3 and the start of Year 4.

In Year 1 of the programme you will be provided with a foundation in Mathematics and Science, and an introduction to Materials, Design, Construction Technology, Economics and Graphic Communication skills. You will develop key skills in writing, data analysis, project planning and Building Information Modelling (BIM).

Year 2 develops modules in Construction Technology and CAD. The study of Structural Mechanics gives you a foundation for the later module in structural design. The first module in Building Services will teach you how to deliver sustainable building services. You will also learn about Land Surveying which is an important tool for measurement control in construction. A module in Employee Regulations gives an insight into personnel management skills.

In Year 3, modules in Building Production and Building & Construction Regulations will teach you a range of skills that will prove useful during your CoOp placement the following semester. The module in Structural

Design gives you an understanding of design and involves you in material selection and calculations. The second semester of year 3 and summer period coop experience will allow you the opportunity to practice all or some of the key skills you have learned, and help you to develop a brief for your Final Year Project.

Year 4 completes the suite of Construction Technology and Building Services modules. The module Procurement and Contracting 2 introduces you to the legislative and contractual constraints and obligations that you will meet in construction projects. Financial Accounting teaches you the key elements necessary for the financial control of projects/business. A module in Project Planning and Control pulls together all aspects of the course so that all elements of the management of construction projects are understood.

Your final year project over the last two semesters will encourage you in self directed learning, in identifying and resolving a complex construction-related problem. For many students, the initiative for their project arises during work placement; for others, it is a subject that they have a passion for.

Career Opportunities

Careers open to you with a degree in Construction Management and Engineering include roles in;

- Construction Engineering
- Construction Management
- Facilities Management
- Property Development
- Estimating and Costing
- Project Management
- Construction Research

Recent graduates of this programme are working as Site Engineers, Project Managers, Procurement Managers, Construction Managers in Ireland and abroad.

Recent graduates are working for employers like SISK, BAM, Ward and Burke, Armac and the PM Group, to name a few.

The construction manager plays a pivotal role in overseeing a construction project from inception to completion. UL's programme equips graduates with broad skills in construction techniques, planning & control and management. The diversity of the programme prepares construction managers to lead projects of immense complexity in an exciting and rewarding profession.

Chartered Member status of the CIOB is recognised internationally within the construction industry. This accreditation is of immense value to our students and graduates of Construction Management and Engineering, and particularly so to those working abroad, where their academic qualification is now formally recognised as being of the highest international standard.

Follow-On Study

Opportunities for further study include the Masters in Project Management offered by the UL Kemmy Business School and the Masters in Construction Project Management offered by Queen's University Belfast.

LM082 Online

Course description

Want to know more? Go to:
www.ul.ie/courses/LM082.html



Graduate Profile

Emma Kate Ryan

Prior to choosing this UL degree, I had envisioned a career as a Construction Project Manager. While the course does prepare you for such a role, it also gives a broad overview of other aspects of the industry, such that by the time I finished the course, I had decided I would prefer to work as a cost consultant. The knowledge I gained of the various facets of the construction industry while studying this course was critical to my success in the rigorous recruitment process one has to undertake when applying for consultancy roles.

I now work for a global built environment consultancy called Faithful+Gould, as a Graduate Quantity Surveyor on the Infrastructure team. From our London base, our team provides strategic cost advice to high profile clients such as Crossrail, TfL and Digital Railway. Faithful+Gould are supporting me to achieve a Master's degree in Quantity Surveying, and I am also completing the Royal Institute of Chartered Surveyors (RICS) Assessment of Professional Competence (APC) charterhip process.

I consider the experience and guidance I received at the University of Limerick to be pivotal in securing the role I have now. I cannot recommend the course highly enough!

Key Fact

Construction Management and Engineering at UL is the only degree of its kind in Ireland. It is the first and only university degree that is accredited by the Chartered Institute of Building (CIOB). This means that your degree will be formally recognised internationally within the industry as being of the highest standard.

LM093 Bachelor of Science in Equine Science

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaiochta in Each-Eolaiocht

Course Info

CAO Points 2020: 339

Course Length: 4 Years

Course Director: Dr. Bridget Younge

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Science: H4 grade in one of the following: Agricultural Science; Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry

Additional info:

- Mature Pathways
- QQI Pathway

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckoned for scoring purposes.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you are the type of person who enjoys working with horses and are motivated by the business and science behind the horse industry, then this programme might suit you.

Why study Equine Science at UL?

The four year B.Sc. degree in Equine Science provides students, who wish to follow a professional career in the horse industry with the opportunity to underpin their career aspirations with specialist knowledge and skills. This programme, unique in Europe, has been developed because of the economic importance of the horse and related industries and the consequential need to produce highly qualified personnel with the specialised knowledge to exploit the potential of these industries.

The overall aim of the programme is to equip you with degree level competence in the disciplines of Equine Science and a choice of professional studies in either Equitation* or Equine Business Management. Graduates of the programme contribute to the continued development of the horse industry through the application of their knowledge, skills and research in Science, Equitation and Business Management.

*Entry to the Equitation Science option is dependent on achieving a satisfactory standard in Equitation Science over the first two years.

What you will study

The programme is four years in duration with two semesters per academic year. All students undertake common modules for the first two years providing a strong base in science. You will take modules in Anatomy and Physiology, Feeding and Behaviour, Reproduction, Health and Disease, and Nutrition. In addition, a strong base in business is established with modules in Economics, Marketing and Accounting.

All students take modules in Equitation in the first two years. These modules involve horse riding and hands-on working with horses.

In the third year of the programme you will select one of the major professional options- Equine Business Management or Equitation. The Equine Business Management option offers modules in Enterprise Formation and Development, Principles of Risk Management, Business Consulting and Strategic Management.

With this option, you can also choose to undertake the study of a language selected from Spanish, French, German or Japanese. The Equitation option

offers modules in the Young Horse, Equestrian Facilities, Performance Rider Development and Training and Managing the Performance Horse.

All students undertake an eight month Cooperative Education placement, either at home or abroad, in an equine or related enterprise. This work placement will give you the opportunity to exploit and develop the skills that you have already acquired while simultaneously gaining professional experience of the industry. In year four all students conduct a research project on some aspect of the horse industry.

LM093 Online

The student experience



Course description



Want to know more? Go to:
www.ul.ie/courses/LM093.html

Throughout the programme, you will be brought into contact with the industry, through visits to centres of excellence, through participation in seminars conducted by expert speakers and through hands-on experience of handling and riding horses.

To find out more, go to www.ul.ie/courses

Career Opportunities

Graduates from this programme may choose from a wide variety of career opportunities in areas such as:

- Equine Enterprise Management (Stud Farms, Show Jumping Yards, Racing Yards, Equestrian Centres)
- Leisure, Recreation and Tourism based on Equine activities
- Equestrian Marketing and Sales
- Equine related service industry (food supply, equipment manufacturing, laboratory servicing, management information)
- Equine Research and Development
- Sports Journalism
- Equine related organisations, including state and semi-state
- Self employment in the horse industry
- Postgraduate studies



Graduate Profile

Sean Flannery

Having grown up around horses I always knew that I wanted to pursue a career involved in racing. The BSc in Equine Science at the University of Limerick afforded me the opportunity to expand my knowledge of the horse and the many sports they compete in.

The option to take either a Business or Equitation route after second year offers excellent choice and was instrumental in my decision to choose Equine Science at UL over similar courses.

There is an ideal balance of group and individual work throughout the course and that will prepare you for working as part of a team as well as using your own initiative in the working world. The range of modules covered on the programme is extensive and I found that the practical elements perfectly compliment the theory. This course provides students with both skills and knowledge that can be applied to many different areas within the equine industry and beyond.

UL's Cooperative Education placement was invaluable to me. I split my placement between Coolmore Australia and Goffs in Kildare. I was lucky enough to secure an intern position at Goffs upon graduating. Completing the Equine Science course provided me with the skillset necessary to gain employment as well as advance my career in Goffs.



Key Fact

The overall aim of the programme is to equip you with degree level competence in the disciplines of Equine Sciences and a choice of professional studies in either the disciplines of Equitation or Equine Business Management.

LM099 Bachelor of Architecture

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Ailtreachta

Course Info

CAO Points 2020: 498

(Portfolio was not required by CAO Leaving Certificate applicants in 2020 and 2021. Portfolio may be required in future years.)

Course Length: 5 Years

Course Director: Miriam Dunn

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: Portfolio required

Additional info:

- Mature Pathways

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: All applicants for the Architecture Degree must submit a Portfolio of personal work. The portfolio should demonstrate the candidate's interest and motivation for studying architecture and how work experiences to date supports this motivation. Suitable areas for the portfolio presentation are drawing, painting, graphics, photography, woodworking, ceramics, sketchbooks, design journal illustrating the design process followed in a project, printmaking, textiles, dress or clothes making, sculpture, computer game design, or any other visual media that demonstrate an interest, experience, and aptitude in creative and graphic areas.

Note: For further information on the portfolio requirement, please contact Academic Registry 061-202015, or the School of Architecture 061-213438.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

If you are a person that combines creative imagination and analytical rigour; if you are a good observer; and if you are inspired by the prospect of changing the world we live in, then UL's problem-oriented approach to architecture may just be right for you. Architecture requires a lot of dedication, and is a very hands-on course that relies on constructional understanding, based on lots of model making and material experiments.

Why study Architecture at UL?

The School of Architecture at the University of Limerick offers a 5-year undergraduate degree in architecture. The objective of the School is to educate architects with a strong set of integrated skills, balanced with a clear understanding of the environment - built, existing and imagined - and vital to professional practice. The Royal Institute of Architects of Ireland (RIAI) has awarded full accreditation to the architecture programme at UL. Studying architecture in an accredited programme is the first step towards becoming a registered professional architect.

The School of Architecture embraces all parts of an architect's education; it is a place where the study of architecture is undertaken with passion and inventiveness, an open and transparent society of mobile thinkers. The School of Architecture teaches an architecture that is integrated with Environmental and Structural engineering, as disciplines that set us free from the limitations of our own knowledge and help us to achieve a balance with the environment by focusing human abilities.

What you will study

Training as an architect is engaging in a process of 'learning by doing' with the course curriculum structured around the design studio. The design studio is a creative laboratory where learning is developed through experimentation and reflection. Woven into the design studio will be courses of study in structures (structural engineering), environmental science (environmental engineering), history (of architecture, society, technology), and philosophy, sociology, law and management (professional practice).

Career Opportunities

Careers open to you with a degree in Architecture include;

- Architect (private practice and local authority)
- Landscape Architect
- Architecture Critic/Writer
- Tutor/Lecturer in Architecture
- Academic Researcher
- Model Maker
- Historical Buildings Consultant/Conservation Officer

As a graduate of this course, you will be in a position to start working in an architect's office. This is the path followed by most graduates. However, architecture studies are broad, encompassing technical skills, design, art, history and presentation skills and some graduates do move into other areas including policy making or public administration, business or urban design, photography or other arts, furniture or model making, research and writing, or pursue further studies.

The Building Control Act 2007 introduced registration for architects in the Republic of Ireland. The Royal Institute of Architects of Ireland (RIAI) maintains the professional register - "The best way to qualify as an architect eligible for RIAI Membership and admission to the Register for Architects is to get a degree from a recognised school of architecture, followed by two years of approved practical experience, and an examination in professional practice.

Recognised degree courses in architecture take five years of full-time study. Many students take a year out for practical experience between the third and fourth years. So the whole process, from start to full professional qualification, generally takes seven to nine years." – Refer to the RIAI website www.riai.ie for further details.

LM099 Online

The student experience



Course description



Want to know more? Go to: www.ul.ie/courses/LM099.html

Student Profile Martin Lennon

The first day I arrived at our SAUL (School of Architecture UL) studio I sensed I would enjoy my time in Architecture School. The Studio embodies everything that the school and the education stand for. The Architectural education here is not about divulging information individually, rather it is about sharing knowledge, opinion and ideas amongst our colleagues. Within the studio there are always lectures and tutorials taking place, however the essence of what our education here is about, lies in the conversations and debate (sometimes heated!) that occurs alongside our timetable. All the architecture students, from freshers to 5th year, working in the same space really solidifies the school's diverse social atmosphere - I find that we learn from each other as much as we do from our lecturers!

I have had an incredibly wholesome experience here and have always felt encouraged to explore and to test things. After 3rd year I decided to take a year off from school and gain some experience within a practice. I travelled to Sydney Australia and worked for 6 months as an architectural assistant. Personally I feel it was really beneficial to pause academically and further my education through a practice and through travel also. The experience away has allowed me to return to SAUL with a fresh rigour and renewed confidence!

Key Fact

Architecture requires a lot of dedication, and is a very hands-on course that relies on constructional understanding, with lots of model making and material experiments.



LM115 Bachelor of Engineering in Chemical & Biochemical Engineering

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Innealtóireacht in Innealtóireacht Cheimiceach agus Bhithcheimiceach

Course Info

CAO Points 2020: 454

Course Length: 4 Years

Course Director: Prof. Witold Kwapinski

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Science: O6/H7 in any one of the following: Applied Maths, Physics, Chemistry, Physics with Chemistry, Technical Drawing/Design & Communication Graphics, Computer Science, Construction Studies, Engineering, Technology, Agricultural Science, Biology.

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: Applications are welcome from transferees with NFQ (National Framework of Qualifications) Level 7 awards. Suitably qualified students may be offered exemptions from years 1 and/or 2.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you a person who:

- Is interested in pursuing a career that can really make a practical contribution to helping people and society, e.g. the production of new drugs to fight disease, developing realistic ways for sustainable energy generation, providing efficient technologies for combating climate change?
- Enjoys the challenges of solving applied problems and applying your analytical skills to finding innovative solutions?
- Has a flair for science and technology and wishes to put these talents to good use?

If so, this may be the programme for you.

The B.E. (Hons.) Chemical & Biochemical Engineering provides an interesting, intellectually challenging, and educationally rigorous degree programme that leads to a professionally recognised qualification as the degree is accredited by the Institution of Chemical Engineers (IChemE), leading to good employment prospects in any of a variety of stable, sustainable, well-paid careers.

Why study Chemical and Biochemical Engineering at UL?

This programme is the only course of its kind in the Mid-West and Western regions of the country. The course is accredited by IChemE which ensures international professional recognition for graduates of the degree. Process engineering is the central area of expertise underpinning many important, sustainable industries and businesses within both the Irish and global economies. Such enterprises include: biopharmaceuticals, fuels, chemicals, and drug manufacture, energy production, food and beverage processing, environmental waste remediation, and electronic component manufacture. The Irish pharmaceutical, chemical and biochemical industries have been primarily responsible for the recent consistent increases in the national export performance, proving these sectors to be stable and resilient, even in harsh economic conditions.

Years 1 and 2 provide a comprehensive grounding in all of the subjects required for a career as a professional chemical/biochemical engineer. As well as rigorous training in mathematics, process engineering, computation methods, chemistry, biochemistry, and physics, closely allied subjects are also studied, including bioprocess engineering, engineering materials and process design methods.

In all of these areas, the chemical/biochemical engineer is of key importance both in the design and operation of the processing systems, and in the development and manufacture of novel products. The IChemE accreditation ensures international professional recognition for graduates of the degree. Beginning in year 2 and continuing throughout year 3, you will gain knowledge in fluid mechanics and heat transfer, reaction engineering and mass transfer separation. The programme also offers some advanced-level modules in the areas of pharmaceutical manufacture, formulation and sustainable methods for energy and fuel production. In year 3 you will take part in Cooperative Education placement - a

What you will study

This four year honours degree programme comprises formal lectures/study, practical laboratories, workshops, training on industry-standard process engineering software, project work, as well as a substantial Cooperative Education period working in an industrial placement. This Engineering degree is direct entry through CAO code LM115 and not through the Engineering Common Entry route.

Years 1 and 2 provide a comprehensive grounding in all of the subjects required for a career as a professional chemical/biochemical engineer. As well as rigorous training in mathematics, process engineering, computation methods, chemistry, biochemistry, and physics, closely allied subjects are also studied, including bioprocess engineering, engineering materials and process design methods.

In all of these areas, the chemical/biochemical engineer is of key importance both in the design and operation of the processing systems, and in the development and manufacture of novel products. The IChemE accreditation ensures international professional recognition for graduates of the degree. Beginning in year 2 and continuing throughout year 3, you will gain knowledge in fluid mechanics and heat transfer, reaction engineering and mass transfer separation. The programme also offers some advanced-level modules in the areas of pharmaceutical manufacture, formulation and sustainable methods for energy and fuel production. In year 3 you will take part in Cooperative Education placement - a

training period of up to 9 months where you will work as a chemical/biochemical engineer on one or more project-related tasks within a company, enterprise or institution.

In year 4 you will undertake a design project, in which you will work as part of a team to carry out the comprehensive design of a sustainable process for the large-scale production of a chemical or biochemical-based product. This project will give you an opportunity to develop and hone your skills in other important areas of professional engineering practice.

Career Opportunities

Graduates may enter careers as professional engineers with any company, enterprise or institution involved with the practical application, development, research, manufacture of products, or provision of services that involve chemical or biochemical reactions and processes. Typical career areas might include:

- Pharmaceutical/drug manufacture
- Mineral extraction
- Petro and Agro-chemicals
- Food/Beverage production
- Biorefineries
- Environmental engineering
- Biochemicals/biologics manufacture
- Sustainable fuels/energy production
- Processing of fine and heavy chemicals
- Chemical energy conversion systems

Follow-On Study

You can further develop your competence by undertaking postgraduate research studies here in UL.

LM115 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM115.html



Graduate Profile

Alison Loughran

In school my favourite subject was maths, with chemistry and biology a close second. This course seemed to incorporate everything that I liked so I got in contact with the lecturer I had spoken with at the UL Open Day and met with him about the course. He really simplified what a chemical engineer does; A chemist creates a recipe for something on lab scale, while a chemical engineer takes this recipe, and must make the same compound on large scale.

The course itself is quite challenging but that was something that attracted me from the beginning.

I completed my Co-Op work placement in Analog Devices, Limerick for 8 months. I worked on a team in the diffusion/strip work centre. I realised how versatile my degree is as I gained great manufacturing experience and developed communication, team work and troubleshooting skills.

I now work in MSD (Merck) in Cork as a technical specialist in operations in the Biologics Department. MSD plan to manufacture upstream pharmaceutical products so I am involved in the commissioning and qualification of new equipment. My role will then transition to technical support of the manufacturing process which will involve being on the floor to assist operators through the manufacturing process, report to my leads on progress and investigate any process deviations.

UL's 8 month Co-Op work experience prepared me very well for industry life. My degree in Chemical and Biochemical Engineering enabled me to secure a job before course completion.



Student Profile

Jake Flannery

I chose UL because of the fantastic campus, and this course really appealed to me. Chemistry and Applied Maths were my favourite subjects for the Leaving Cert, so when researching my options, I felt my strengths were suited to a degree in Chemical and Biochemical Engineering. The course is somewhat challenging but very interesting. The engineering maths particularly appeals to me and I enjoy studying organic chemistry too because we get to do a lot of interactive lab projects and work with various chemicals. We also had the opportunity to visit a large chemical engineering facility and see first-hand how their various processes operate.

As an incoming first year UL student, Jake received the UL40 Entrance Scholarship for achieving 625 points in the Leaving Certificate. He was also awarded the Naughton Foundation (Tipperary) scholarship for STEM studies at university. As out-half/full-back for the Irish U20s rugby team, Jake earned a Six Nations medal in 2019 when he helped his team to the Grand Slam title. Having played in this year's U20 World Cup in Argentina, Jake has recently been recruited to the Munster Rugby Academy.

Key Fact

This programme is the only course of its kind in the Mid-West and Western regions of the country.

With accreditation by the Institution of Chemical Engineers (IChemE), this ensures international professional recognition for graduates of the degree.

LM116 Engineering Common Entry (BE Biomedical or BE Civil or BE Design & Manufacture or BE Mechanical)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Innealtóireachta

Course Info

CAO Points 2020: 476*

Course Length: 4 Years

Course Director: Ross Higgins

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* Indicates that not all applicants who scored these points were offered place

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Science: O6/ H7 in one of the following: Physics, Chemistry, Physics with Chemistry, Engineering, Technology, Technical Drawing/ Design & Communication Graphics, Biology, Agricultural Science, Applied Maths, Construction Studies, Computer Science.

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you the type of person that has an inquiring mind and is good at mathematics and science? Do you want to know how and why things work? Do you like to solve problems? Engineering requires each of these personal characteristics, is interesting and varied and has excellent career prospects.

Why study Engineering at UL?

Engineers are concerned with developing economical and safe solutions to practical problems, by applying mathematics and scientific knowledge while considering technical constraints. LM116 Engineering common entry is designed to provide you with a gateway to your preferred engineering discipline. You will complete a broad first year which will introduce you to various topics in engineering. Having gained a better understanding of each subject area, you then choose your preferred pathway to specialise for the remaining years of your degree programme. At UL, you get to try before you decide.

LM116 Engineering is the gateway to a degree in either:

- Bachelor of Engineering in Biomedical Engineering
- BE/ME in Mechanical Engineering
- BE/ME in Civil Engineering
- Bachelor of Engineering in Design and Manufacture Engineering

The programmes above start in Year 2.

What you will study
In Semester 1 you will study a wide range of topics from Maths to Computing which are important for any engineering career. You will also have an introduction to engineering modules which will introduce you to the various engineering options and the differences between them.

This will broaden your knowledge base as you find out more about the many areas of engineering. You will be exposed to the fundamental principles of each discipline, the programmes of study and the career paths open to you upon graduation. Guest professional

Having selected LM116 Engineering you will be given time to learn and ask questions about the various options and engineering paths available. During Year 1 you will be requested to rank the various engineering degree programmes in order of your preference. In the event that a programme is oversubscribed, places will be allocated based on UL exam performance. In all these programmes, industrial work experience is provided through a positive and motivating thirty-week period of Cooperative Education. This will provide you with experience of the practice and application of your chosen area of engineering in a suitable working environment. Students are typically paid by employers for this work which will take place during Year 3.

LM116 Online
Course description

Want to know more? Go to:
www.ul.ie/courses/LM116.html

Engineer Your Own Degree at UL

Choose from:

BE Biomedical Engineering

BE Mechanical Engineering

BE Civil Engineering

BE Design and Manufacture Engineering

Your Degree,
Your Choice.

Career Opportunities

The career opportunities will depend primarily on the BE course chosen by you. Typical career areas include:

Biomedical Engineering:

Medical Device Design, Manufacture of Medical Devices. Design of New Products including medical implants and surgical instruments, Biomaterials Development.

Mechanical Engineering:

Engineering component design, Design and Control of Energy Utilisation Equipment, Safety and Reliability, Automobile Design, Materials Development, Mechanical Design in Aerospace, Biomedical, ICT, Process, Pharmaceutical and Manufacturing Industries, Gas turbine design.

Design and Manufacture:

Mechanical Design for Biomedical, ICT Process, Pharmaceutical and Manufacturing Industries, Project Management, Materials and Structural Analysis, Consultancy, Design Engineering, Quality Engineer, Automation Engineer, Computer Aided Engineering.

Civil Engineering:

Civil/Structural Engineer, Design Engineer, Environmental Engineer, Traffic/Motorway Engineer.



Biomedical Engineering (Bachelor of Engineering)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Innealtóireachta in Innealtóireacht Bhithleáigh

Course Info

Entry Route: LM116 Engineering
Common Entry

Course Director: Dr. David Newport

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE Biomedical Engineering

Course description



Want to know more? Go to:
www.ul.ie/courses/LM116.html

Why study Biomedical Engineering at UL?

Modern medicine has given rise to the development of a wide range of novel engineering solutions to clinical problems. Examples of these developments vary from orthopaedic implants such as total hip replacements to cardiovascular implants such as coronary stents (small wire scaffolds inserted into the blood vessels around the heart). As a result of the increased collaboration between engineers and doctors, the new discipline of biomedical Engineering developed. Biomedical Engineering is the fastest growing area of Engineering.

Students who follow this programme can look forward to exciting and rewarding careers in the biomedical engineering industry, an industry that is undergoing major expansion internationally and in Ireland. The biomedical engineering industry in Ireland has factories from all the major multinational companies resulting in the need for highly skilled biomedical engineers.

Entry route to BE Biomedical Engineering at UL is via LM116 Engineering Common Entry.

What you will study

The programme has a common first year with academic programmes Mechanical Engineering, Civil Engineering and Design and Manufacturing Engineering. You will study modules in areas of Engineering, Mathematics, Engineering Mechanics, Chemistry for Engineers and Computing.

Part II comprises of Years 2, 3 & 4 of the course. During year 2 (2 semesters), you will develop your knowledge of mechanics and biological systems through the study of subjects including Introductory Anatomy and Physiology, Mechanics of Solids, Computer Aided Design, Materials, Thermodynamics and Physiological Fluid Mechanics 1. At the end of Year 2 you are placed in a company in the biomedical engineering industry both in Ireland and internationally for an 8 month Co-operative Education Period. Typical companies include Boston Scientific (Ireland & USA), Abbott (Ireland & USA) and Medtronic (Ireland and USA). In Year 3 (1 semester) you will undertake courses including Physiological Fluid Mechanics 2, Biocompatibility and Tissue Engineering.

In Year 4 the Biomedical Engineering students take courses including Biomaterials, Medical Device Design, Microfluidics and Orthopaedic Biomechanics and Mechanobiology. You also undertake hospital visits to view operations and observe Biomedical Engineering devices in practice. In Year 4 you will complete a major project with a Biomedical Engineering theme.

Career Opportunities

Careers open to you with a degree in Biomedical Engineering include;

- Design engineer (medical devices)
- Manufacturing engineer
- Polymer engineer
- Process engineer
- Sterilisation engineer
- Quality Engineer



Student Profile

Grace Kelly

I knew I wanted to study engineering because I wanted to know how stuff worked, from hairdryers to pacemakers, and I didn't fear mathematics.

I had heard good stories about the social life but I also heard about UL's great reputation with employers. Like any first year when I started out I didn't know what to expect but throughout my four years of studying I never regretted choosing this course. Engineering could never be accused of being boring - I learned so much more than how hairdryers work! CoOp in a medical device company confirmed my interest in the biomedical field; it introduced me to the working environment and proved the relevance of the modules I was studying.

Key Fact

Biomedical engineers design devices and methods that will enable detection, diagnosis, management and/or elimination of disease.

Entry route to BE Biomedical Engineering at UL is via LM116 Engineering Common Entry.

Biomedical Engineering at UL is accredited by Engineers Ireland.

Mechanical Engineering (Bachelor/Master of Engineering)

NFQ Level 8 Major Award Honours Bachelor Degree/Level 9 Major Award Honours Masters Degree

Baitsiléir Innealtóireachta in Innealtóireacht Mheicniúil

Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: Dr. Ronan Grimes

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE Mechanical Engineering

The student experience



Course description

Want to know more? Go to: www.ul.ie/courses/LM116.html

About You

This is an ideal programme for you if you are interested in problem-solving using mathematics and science. If you think you might enjoy exploring areas such as mechanical design, energy systems and materials, then Mechanical Engineering at UL might be a good choice for you.

Why study Mechanical Engineering at UL?

Mechanical Engineering is a very broadly based discipline and students following the degree programme are prepared for careers in many industrial sectors, including such diverse areas as Energy, Automotive, Chemical Processing, Research, Automation, Manufacturing, Design Consultancy, Materials Processing and Aviation. The Mechanical Engineering Degree programme aims not only to give you a thorough background in fundamental

Mechanical Engineering subjects but also allows specialisation in one of a number of areas of particular relevance to Irish industry.

Mechanical Engineering at the University of Limerick adheres to traditional guidelines set down by the professional engineering institutions (such as Engineers Ireland and IMechE) and requires you to have an aptitude for mathematics and problem-solving.

Entry to Mechanical Engineering at the University of Limerick is through LM116 (Engineering). Students take a common first year programme but select which engineering discipline (Mechanical, Biomedical, Civil or Design and Manufacturing) they wish to study during semester 2 of first year. Year 2, 3, 4 and 5 focus on that discipline and offer students a number of specialist modules.

Mechanical Engineering at the University of Limerick is a level 8 honours degree programme accredited by Engineers Ireland (www.engineersireland.ie), and the qualifications of graduates are recognised worldwide through international accords.

What you will study

The bachelor of engineering programme is of four years in duration and is divided into two parts.

Part I, which comprises the first year of study, provides you with a foundation in the fundamental engineering subjects and makes up for variations in the background of individual students:

- Mathematics
- Computing
- Engineering Mechanics
- Physical Chemistry
- Electrical Principles
- Fluid Mechanics
- Design for Manufacture
- Production Technology
- The Engineering Profession

Part II comprises years 2, 3 and 4 and you will generally study five modules per semester. You will study all the fundamental subjects of mechanical

engineering – mathematics, mechanics of solids, design, mechanics of fluids, thermodynamics, dynamics of machines and control.

At the end of Year 2 you are placed in industry for an eight-month Cooperative Education period. This period provides experience of the practice and application of Mechanical Engineering in an industrial environment. You will then return to the University for the latter half of third year and start to specialise.

In the final year, you can specialise in Thermofluids, Mechanics of Solids or Energy by choosing appropriate final year electives.

An important aspect of this programme is the final year project completed in year 4. This is an individual project assigned to you at the end of year 3 giving you almost 12 months to undertake. The project is a major piece of work and involves the preparation of a report detailing all aspects of the project. It will provide you with the opportunity to demonstrate your ability to work as a professional engineer and to incorporate the knowledge you have gained over the previous three years. Many students are proud to show this work at subsequent job interviews.

Mechanical Engineering at UL now offers an integrated Bachelor/Master of Engineering programme.

The entry route to both is through LM116 but in year 3 students have the choice to decide between the Bachelor or Master of Engineering Programme:

- Bachelor of Engineering in Mechanical Engineering (4 years in duration)
- Master of Engineering in Mechanical Engineering (5 years in duration)

Career Opportunities

Recent graduates of this programme are working in roles such as:

- Project Engineer,
- Associate R&D Engineer,
- Propulsion Engineer,
- Mechanical Engineer,
- Mechanical Designer

Other employment areas include: ESB, Dornan Engineering Ltd., Kingspan, Irish Cement, PM Group, MicroSemi, Jaguar-Land Rover, Atlantic Projects Company Ltd., Modular Automation, Liebherr, Fingleton White, Logitech

- Automotive and manufacturing engineering
- Offshore engineering
- Aeronautical engineering
- Pharmaceutical and biomedical industries
- Optimisation and design of energy systems
- Materials and structural analysis
- Engineering consultancy
- Project management
- Control of chemical and pharmaceutical
- Bioengineering and Life Sciences
- Research and development

Follow-On Study

Related postgraduate courses at UL include;

- M.Sc. Mechanical Engineering.
- Ph. D. Mechanical Engineering.

Excellent research opportunities exist for graduates through funded Ph. D. positions in the School of Engineering and the Bernal Institute.



Graduate Profile

Joseph Mooney

I choose to complete my degree at the University of Limerick because of its highly recognized engineering courses, co-operative education and sporting facilities. As a sports scholar, UL helped me to balance my sporting and academic goals and in August 2018, I graduated with a first class honors degree. I am also still at peak performance levels in sport thanks to the university and its staff.

My favorite subjects in school were Physics, DCG, Engineering and Mathematics. I had a great passion for design (my DCG project received 4th best in the country), problem solving, inventing and making these inventions come to life. In choosing Engineering (Common Entry), I was able to study relevant engineering modules in first year before deciding on my specific discipline. After my first year in UL, I knew that mechanical engineering was for me.

A degree in mechanical engineering is so adaptable that if, in time, you want to branch out into another industry you will already have the skills required to do so. Currently I am completing a PhD in the development of cooling systems for 5G wireless technologies. This research requires me to use the knowledge I gained from my undergraduate courses in heat transfer, materials, finite element analysis and mechanics modules. I developed a passion for these topics during my undergraduate and I believe 5G technologies are currently on the front line for global development.



Key Fact

Entry route to Mechanical Engineering at UL is via LM116 Engineering Common Entry.

Mechanical Engineering at UL is accredited by Engineers Ireland.

Civil Engineering (Bachelor/Master of Engineering)

NFQ Level 8 Major Award Honours Bachelor Degree/Level 9 Major Award Honours Masters Degree

Baitsiléir Innealtóireachta in Innealtóireacht Shíbhialta

Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: Dr. John Murnane

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE Civil Engineering

The student experience



Course description

Want to know more? Go to:
www.ul.ie/courses/LM116.html

About You

This course will be particularly attractive to you if you are interested in the application of scientific and technical knowledge to the solution of real world problems.

Why study Civil Engineering at UL?

The Civil Engineering programme at UL is fully accredited by Engineers Ireland and uses a student-centered approach to teaching, using techniques such as problem based learning and active learning. In year one (common entry programme), you will develop your ability to work as part of a team, to plan and present, to undertake research and to apply your knowledge. Entry route to BE Civil Engineering at UL is via LM116 Engineering Common Entry.

Civil engineering is a broad field of engineering dealing with the design, planning, construction and maintenance of fixed structures or public works as they are related to earth, water, or civilization and their processes. Most civil engineering today deals with structures, roads, bridges, railways, water supply, transportation and traffic, waste water, protection of the environment, flood control and power plants. Three short videos describing the programme are available at www.ul.ie/civileng.

What you will study

Civil Engineering at UL now offers an integrated Bachelor/Master of Engineering programme. The entry route to both is through LM116 but in year 3 students have the choice to decide between the Bachelor of Engineering (B.E.) or Masters of Engineering (M.E.) programmes. The B.E. programme is 4 years in duration, while the M.E. programme adds an additional year making it a total of 5 years in duration. Both programmes include an eight month period of Cooperative Education spent in an appropriate industrial environment.

Civil engineering at UL is built around a 'learning-by-doing' process and focuses on three areas:

1. Water and the Environment
2. Energy in Civil Engineering
3. Buildings & Infrastructure

The programme is fully ECTS (European Credit Transfer System) compliant, allowing student mobility across Europe. In addition, close ties with a number of universities in the United States provide students with exciting opportunities to spend a semester studying abroad.

In year one you will be part of the LM116 Bachelor of Engineering Common Entry programme where you will develop broad engineering skills while receiving insights into the different engineering disciplines. In the spring semester students interested in Civil Engineering will undertake a 'learning by doing' project where you will be challenged to design and build a civil engineering structure which has to do a specific task. Starting with a blank whiteboard you will work in teams to develop your ideas which you will then build and test at the end of the semester.

In year two you will work in small teams to solve a variety of interesting problems. The challenges presented are open-ended and increase in complexity as you progress through the years. Your ingenuity and creativity are required to explore many viable solutions. Drawing from what you have learned and with the shared knowledge of your team, you will design, analyse and (in many cases) test your creations. Lectures are provided along the way to fill in gaps in your knowledge.

In year three you will get a real experience of being an engineer when you take the draft plans of a building and undertake the role of Civil Engineer in an 'Integrated Design Project'. This project requires the integration of many aspects of civil engineering disciplines including interaction with the design architect, land surveying, structural analysis, structural design, foundation design, health & safety issues and forms the core of the first semester in year three. The project is followed by an eight-month Co-op placement with an engineering contractor/ consultant in Ireland or abroad. During Year 3 students have the choice to decide between the Bachelor of Engineering (B.E.) or Masters of Engineering (M.E.) programmes.

In year four you will learn about energy efficient buildings, wind energy and how to design water and wastewater treatment systems. A unique feature of the programme is learning from the engineering mistakes of the past; in doing so, you will investigate actual engineering failures in collaboration with law students. As a student engineer, you will act as an expert witness in a moot court (simulation) and have your expert opinions tested through cross-examination by the student lawyers.

Your final year project allows you to specialise in the area of civil engineering that intrigues you most. Clear and effective communication is an essential skill for the civil engineer and is carefully fostered in every project throughout the programme. You will develop verbal, written and poster presentation skills in addition to creating video documentaries, participating in a moot court and ethical debates, and you will also act as a technical guide to creative arts students on special projects.

The flexibility offered by the breadth and structure of the course will produce graduates with the diverse skills necessary to adapt to the demands and challenges of civil engineering practice in the 21st century. Career opportunities exist in areas of infrastructure, building, water resources, environmental and government agencies.

Career Opportunities

Careers open to you with a degree in Civil Engineering include;

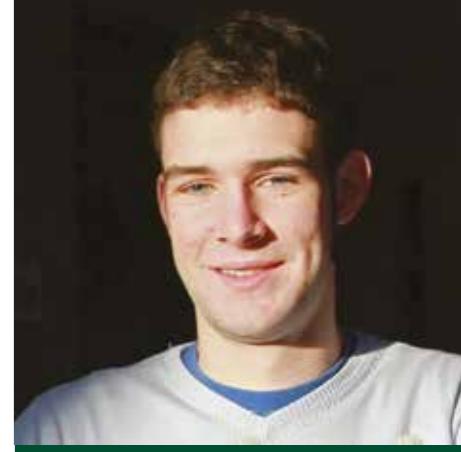
- Civil/Structural Engineer
- Design Engineer
- Environmental Engineer
- Traffic/motorway Engineer

The details of a career path can vary depending on market forces and the preference of the graduate. In some fields and in some firms, entry-level engineers work primarily monitoring construction in the field, serving as the "eyes and ears" of more senior design engineers; while in other areas, entry-level engineers perform routine analysis or design tasks.

The flexibility offered by the breadth and structure of the course will produce graduates with the diverse skills necessary to adapt to the demands and challenges of civil engineering practice in the 21st century. Career opportunities exist in areas of infrastructure, building, water resources, environmental and government agencies.

Follow-On Study

Graduates have a wide choice of options for further study upon graduation. Many graduates pursue Level 9 masters programmes in Civil Engineering, while others take up options in management and business disciplines. There are also opportunities for graduates to undertake research degrees to PhD level.



Student Profile James Long

As a child I was fascinated by buildings and bridges and I loved Engineering, Maths and Physics in school so Civil Engineering seemed like a perfect choice for me.

For anyone studying Engineering, UL is a great place to be and the campus is home to some amazing works of engineering, including the award winning "Living Bridge" – the longest pedestrian bridge in Ireland.

The course itself is fantastic; like anything worth doing its hard work sometimes, but we're constantly starting new and different projects. For instance we recently completed a design and build of a 6m tall timber siege tower. We used the siege platforms to re-inact The Siege of Limerick at King John's castle. What better way of learning about timber design can there be?!



Key Fact

The Civil Engineering programme at UL is fully accredited by Engineers Ireland. Entry route to BE Civil Engineering at UL is via LM116 Engineering Common Entry.

Design and Manufacture Engineering (Bachelor of Engineering)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Innealtóireach i nDearadh agus Déantús

Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: Dr. Con Sheahan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE Design & Manufacture Engineering

Course description



Want to know more? Go to:
www.ul.ie/courses/LM116.html

About You

Are you interested in clever designs that benefit people's lives, in how they are produced in the real world meeting high technical standards, and how they are made affordable, accessible and sustainable? Are you interested in interacting with other people to achieve a common goal, and listening to people in a constructive manner? Are you interested in applying problem-solving techniques and practices to big real-world problems? Are you a hands-on person? If so, this course should suit you well.

Why study Design and Manufacture at UL?

Design and Manufacture Engineering covers a range of topics which are directly relevant to solving big real-world problems on a world-class scale.

The vision for Design and Manufacture is to design useful working products, seeing them developed from possibility and concept, through practicalities of manufacture, to real use, and eventual recycling after their life's end.

In common with all UL programmes, The Bachelor of Engineering in Design and Manufacture programme includes a coop placement, and adheres to traditional educational guidelines of preparation for the profession of engineering.

In choosing to study this programme, you will build upon your skills and aptitude for design and analytical work. You will cover a range of subjects including fundamentals of design and production processes, computer-aided design, automation, materials, quality, capacity planning and simulation, costs and sustainability. It follows CDIO principles (Conceive-Design-Implement-Operate) including team-based projects and problem-based learning these are important elements of the programme in each year.

Entry route to Design and Manufacture Engineering at UL is via LM116 Engineering Common Entry.

What you will study

Throughout this course, you will be provided with a strong foundation in both engineering and design principles, with a clear focus on project-based learning. You will also be provided with an in-depth knowledge of manufacturing processes and how products are made, and will be encouraged to develop design solutions to real-life manufacturing problems.

This four year programme consists of eight semesters and is divided into two parts. Part I, comprising the first year of study, will provide a foundation in the fundamental engineering subjects and makes up for variations in the background of individual students. The modules during the first year are common to Mechanical Engineering, Civil Engineering and Biomedical Engineering.

Part II comprises the remaining three years. The final degree award is based on your performance during these three years. Generally, you will study five modules per semester, with each semester worth 30 credits. Each semester contains a mix of design and manufacturing related subjects including areas such as the fundamentals of design, automation, supply chain design and advanced manufacturing processes. You will also achieve a high level of capability with SolidWorks and will use a Conceive-Design-Implement-Operate (CDIO) approach with an emphasis on Engineering Design and team projects.

At the end of Year 2, you will undertake a work placement in industry for an eight-month Cooperative Education period. This period provides experience of the practice and application of engineering methods in an industrial environment. You will then return to the University for the spring semester of third year.

An important feature of this programme is the final year project (FYP). The individual project topic will be allocated to you near the end of third year, following an extensive consultation process. You will have almost 12 months to undertake this major piece of work and prepare a report of the work for assessment. The project is an opportunity for you to express your

creative and analytical skills in an imaginative and professional way and many students are proud to show their work at subsequent job interviews.

By the end of this course, you will be in a position to manage the life cycle of new products from design, through production and on to end-of-life recycling.

- Topics covered include;
- Production Technology
- Plant Automation
- Materials Selection
- Engineering Design
- Simulation
- Engineering Economics, Ethics and Sustainability

Career Opportunities

A wide range of employers are seeking graduates with these skills, and the skills are highly transferable across many industry sectors from bottling water to making electronic car components to medical devices. Typical job titles indicate this range of employment potential:

- Design and manufacturing engineer
- New product development engineer
- Automation engineer
- Quality engineer
- Process engineer
- Manufacturing engineer
- Supplier development engineer
- Plant engineer
- Supply-chain engineer
- Teacher
- Marketing engineer
- Engineering manager
- Operations manager

Student Profile

Damian McCarthy

The subjects I enjoyed most in school were engineering and technical drawing so this course appealed to me because it has an excellent mix of the two. UL has a reputation for being one of the best universities in the country and has a fantastic employment record for graduates. It has excellent facilities and offers a large variety of courses to choose from. There is a great support network on campus to help you settle in. The learning centers are a brilliant resource and provide excellent help for any subjects you may have difficulty with.

For my Co-op, I was placed in Grant Engineering in Birr, Co Offaly. It was a fantastic experience and gave me a unique insight into the everyday happenings at a major manufacturing firm. While on placement I was given the opportunity to work on several interesting projects including the installation of new equipment, implementation of new manufacturing procedures and the design of a new range of products. Through Co-op, I gained a valuable insight into a day in the life of a manufacturing engineer and learned many practical skills which will be relevant throughout my career. The entire experience reinforced the key concepts that I had been studying and now that I have returned to college, it has helped me to understand the relevance of each new subject to modern day manufacturing systems.

Key Fact

Entry route to BE Design and Manufacture Engineering at UL is via LM116 Engineering Common Entry. UL is the lead university for CONFIRM, the Science Foundation Ireland Research Centre for Smart Manufacturing.

BE Design and Manufacture Engineering Degree is fully accredited by Engineers Ireland.



LM118 Bachelor/Master of Engineering in Electronic and Computer Engineering

NFQ Level 8 Major Award Honours Bachelor Degree/Level 9 Major Award Honours Masters Degree

Baitsiléir Innealtóireachta in Innealtóireacht Leictreonaic agus Ríomhaire

Course Info

CAO Points 2020: 403

Course Length: 4 Years

Course Director: Dr Ian Grout

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Science: O6/H7 in any one of the following: Physics, Chemistry, Physics with Chemistry, Engineering, Construction Studies, Technical Drawing/Design & Communication Graphics, Technology, Biology, Agricultural Science, Computer Science, Applied Maths.

- Mature Pathways
- QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

This new integrated Bachelor/Master in Electronic and Computer Engineering degree has been developed in conjunction with employers, to meet the demand for male and female graduates with strong skills in software and hardware engineering, along with mathematical analysis ability.

This course will give you the skills to employ and develop technologies to tackle many of the challenges of the coming decades including energy, climate change, health and well-being as well as other innovative areas such as entertainment and self-driving vehicles.

Graduates of this degree programme will play key roles in the research, design, development, test and installation of future systems. They will frequently work in teams to tackle challenging problems. Many of the men and women who graduate from this degree also pursue higher degrees by research (MEng, PhD, etc), or through taught postgraduate programmes (MSc, MEng, MBA, etc).

What you will study

The first two years of the programme will provide you with a strong practical and theoretical foundation in: computing and programming languages, software, digital and analogue electronics, electrical science, and engineering mathematics.

During these first two years you will be guided towards your choice of a major option to be undertaken in the final two years of the programme.

For years 3 and 4, you will select one of the major options. You will also have the freedom to choose a General option, where you can select modules from the various major option streams – instead of specialising on a single major option. Students also have the option of going into a Masters track which leads to the award of an MEng after a fifth year of study.

Work experience is provided through a positive and motivating thirty-week period of Cooperative Education, which is an integral part of the programme. Co-op will provide you with experience and practice in the field of your chosen major option area.

In the final year (year 4) you will undertake a major individual project, which in general solves a real-world problem. The project involves advanced design and implementation work, and builds confidence by putting into practice the skills and knowledge that you have acquired throughout the course.

Career Opportunities

Graduates of the Electronic and Computer Engineering programme will build successful careers in a wide range of application areas, including research, design and development of:

- Mobile and Wireless Systems
- Software Engineering
- Computer Systems and Networks
- Artificial Intelligence and Robotics
- Security and Forensics
- Game Systems
- Telecommunication Systems
- Integrated Circuit Technology
- Energy Production & Distribution Systems
- Smart Energy Management
- Electrical Power Systems
- Sensors and Sensor Networks
- Biomedical Electronics
- Automation Control Systems
- Robotics
- Automotive and Aerospace electronics

Engineers often move quickly into senior management and consultancy positions, using their analytical approach to project management and problem solving. There are also worldwide opportunities for advanced study and research, and graduates can diversify

into many other areas such as business, medicine and law.

The Bachelor of Engineering (BE) programmes in UL are accredited by Engineers Ireland (EI). This is an internationally recognised professional engineering accreditation. The new integrated BE/ME in Electronic and Computer Engineering will be accredited once students have graduated from the programme, in accordance with Engineers Ireland rules.

Major options

Electronic Engineering

Electronic Engineers have brought us mobile phones, digital cameras, security systems, improved weather forecasting, electronic medical devices and so many other things that we now take for granted. Material covered in this option includes:

- **Circuit Design** - integrated circuits (ICs), analogue circuits, digital circuits
- **Data and Telecommunications** - networks, communications, protocols
- **Electrical Engineering** - power systems, power electronics, electromagnetics
- **Control** - advanced control systems, sensors and actuators
- **Signal Processing** - signal processing, VLSI signal processing

Computer Engineering

Computer engineers will work in important application areas which include mobile phone systems, gaming, medical diagnostic and monitoring equipment, the Internet, smart transport and energy management systems etc. Material covered in this option includes:

- **Software** - software engineering, distributed and real-time software design, advanced operating systems, language processors
- **Digital Electronics** - integrated circuits (ICs), computer architectures
- **Control** – advanced control systems, machine vision
- **Data and Telecommunications** - networks, communications, protocols, security
- **Signal Processing** - digital signal processing, coding theory

Robotic Engineering

Robotics is an exciting area of computer-controlled technology. Robotic applications are found in space exploration, deep-ocean systems, transport, product manufacturing, medical equipment, entertainment systems etc. Material covered in this option includes:

- **Robotics** - advanced robotics systems, artificial intelligence, machine vision
- **Control** - advanced control systems, digital control systems
- **Software** - software engineering, distributed and real-time software design
- **Automation** - industrial automation, sensors and actuators

renewable forms of energy. Material covered in this option includes:

- **Electrical Engineering** - power systems, power electronics, electromagnetics
- **Physics** - thermal physics, mechanical energy, electrical energy
- **Control** - advanced control systems, sensors and actuators
- **Environment** - advanced electronics for the built environment

General Option

This General option is aimed at students who have a broad interest in the areas of electronic and computer engineering, and want to explore several topics of the prescribed major options.

Masters Track (Years 4 & 5)

The masters track enables you to gain a broader and deeper understanding of a range of advanced topics in Electronic & Computer Engineering including Artificial Intelligence, Machine Learning, Cryptography and Security, Data Forensics, and Network Security amongst others. Students will also undertake a major project that goes across years four and five.

LM118 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM118.html

Entry- LM118 Bachelor/Master of Engineering in Electronic & Computer Engineering

Common Syllabus (2 years)						Semesters 1-4
Co-operative Education (9 month Industrial Placement)						Summer and Semester 5
Electronic Engineering	Computer Engineering	Robotic Engineering	Electrical Energy Engineering	General	Masters Track	Semesters 6-8
Graduate Bachelor of Engineering in Electronic & Computer Engineering						Masters Track
						Semesters 9-10
						Graduate Master of Engineering in Electronic & Computer Engineering

Key Fact

Graduates of this degree programme will play key roles in the research, design, development, test and installation of future systems.

BE Electronic and Computer Engineering is accredited by Engineers Ireland.

LM121 Computer Science Common Entry

(BSc Computer Systems or BSc Computer Games Development or BSc Cyber Security & IT Forensics)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

CAO Points 2020: 351

Course Length: 4 Years

Course Director: J.J. Collins

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O2/H6

Science: —

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you the kind of person who:

- Likes problem solving, even if it takes time?
- Appreciates creativity, and gets a buzz from making "things"?
- Enjoys using the computer, but you're curious about how it works?
- Would like to enrol in a degree program that leads to a wide variety of career paths and opportunities?
- Explores topics ranging from artificial intelligence and big data to cybersecurity.

Why study Computer Science Common Entry at UL?

LM121 Computer Science Common Entry is designed to provide you with a gateway to better choice if you're unsure which area you'd like to study. You can avail of a broad common first year which will introduce you to various topics in Computing. Having gained a better understanding of each subject area, you then choose your preferred pathway to specialise for the remainder of your degree programme. At UL, you get to try before you decide.

LM121 Computer Science is a gateway from year 1 to a degree in either:

- BSc Computer Systems OR
- BSc Computer Games Development OR
- BSc Cyber Security & IT Forensics

There are no restrictions on the number of places available in each option. Students select their preferred option in the spring allowing you to take a variety of subjects centred on Computer Science (Common Entry) before selecting a specific option that is an optimal fit with your interests and competencies.

The Computer Systems degree is a blend of typical computer science and software engineering degree programmes; with an emphasis on artificial intelligence and data science.

Cyber Security & IT Forensics focuses on the construction of safe and secure networks and systems of the future.

Computer Games Development concentrates on approaches and technologies for the design and implementation of intelligent games.

In all of the programmes you will learn to develop mobile applications and web/cloud systems applicable to a broad set of areas such as connected health, smart cities, smart homes, entertainment, communication, and automation. Each degree pathway requires three years of study in addition to the one introductory year for LM121.

What you will study

Computer Science (Common Entry) offers exposure to a variety of subjects relating to different areas of computing such as general programming, knowledge of computer architecture, games modelling, and

an understanding of the mathematical basis that underpins computing. Our well-equipped and modern laboratories will enable you to acquire practical experience and skills with confidence. You will follow a common first year programme of study and then select one of the three BSc programmes during the second semester. During the first year you will become well-versed in a range of computing subjects, and therefore, can make better choices that suit your particular needs and interests.

Career Opportunities

LM121 Online

Course description



Want to know more? Go to:
www.ul.ie/courses/computer-science-common-entry

LM121 Computer Science is a gateway to a degree

Choose from:

BSc Computer Systems

BSc Computer Games Development

BSc Cyber Security & IT Forensics

Your Degree,
Your Choice.

The career opportunities will depend primarily on the BSc programme chosen by you. One specific career path open to a graduate from all three programmes is that of Software Developer / Software Engineer. These roles now sometimes specify additional specialities such as artificial intelligence and machine learning, data analytics, and cloud computing; all of which are covered in depth across the three Denominated Programmes (options). In addition, there are attractive follow on postgraduate options, both nationally and internationally, leading to Masters and PhD awards.

Computer Games Development:
Games Programmer, Graphics Programming, High Performance Computing. These roles lead to senior positions in the longer run such as technical lead, enterprise architect, solutions architect, software architect, security architect, information architect, Chief Technology Officer (CTO), and software product manager.

Cyber Security & IT Forensics:
IT/Networking Project Manager, Network Designer/Administrator, IT Administrator/Manager, Network Security Analyst/Consultant, Computer Crime Consultant.

Computer Systems:
IT Consultant, Web Developer, Dev Ops, System Administrator, Software Testing, Software Project Manager, Application Specialist, Business Analyst, Technical Sales Consultant.



Computer Systems (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i gCórais Ríomhairí

Course Info

Entry Route: LM121 Computer Science Common Entry

Course Director: Dr. Patrick Healy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Computer Systems

Course description



Want to know more? Go to:
www.ul.ie/courses/bachelor-science-computer-systems

About You

Are you the kind of person who

- Can deal with abstract ideas and concrete details equally well?
- Enjoys project work, constantly wanting to improve your handiwork?
- Is interested in programming?
- Would like a career where job satisfaction is more important than image?

Why study Computer Systems at UL?

The Computer Systems programme at UL aims to equip you with the knowledge and skills to become a successful and effective computer professional.

Many advanced and highly sophisticated software-intensive systems underpin the modern world. For example, software-based systems play an important role in all kinds of systems including smart cities, smart homes, social networks, manufacturing, finance, education, medicine, transport, and entertainment.

But creating software-intensive systems is a human activity. Despite all the advances, software-intensive systems still present many demanding challenges for the professionals who design, build, test and deploy them. Being involved in the development of computer-based systems promises to be an exciting and indispensable career for the foreseeable future.

On completion of the programme, graduates go on to a variety of interesting and rewarding software careers based in large and small organisations, in industry, in research and in education and training. As ever, the primary focus of this course is on the underlying principles of software development and their application to modern software development practices.

In particular, we want you to secure a firm and lasting intellectual foundation that will allow you to acquire new and specific technical knowledge over a lifelong career. The course is designed to give you ample opportunities to learn and apply knowledge in small tutorials and practical groups.

The aims and objectives of the Computer Systems programme are:

- To develop the skills you will need in order to analyse a wide range of problems.
- To provide a sound understanding of the theory of computer science and the principles of software development.
- To be a competent practitioner in the fields of artificial intelligence and data science.
- To develop social and communication skills that will enable you to function successfully in organisations and teams.
- To develop a sense of professionalism that will help you to apply your skills for the good of society.

Entry route to BSc Computer Systems at UL is via LM121 Computer Science Common Entry.

What you will study

- Principles of software design and implementation
- Programming languages and technologies
- Computer Science
- Computer Organisation
- Computer Networks
- Operating Systems
- Database technologies
- Systems Analysis
- Software Architecture
- Artificial Intelligence
- Machine Learning
- Data Science
- Professional issues and ethics

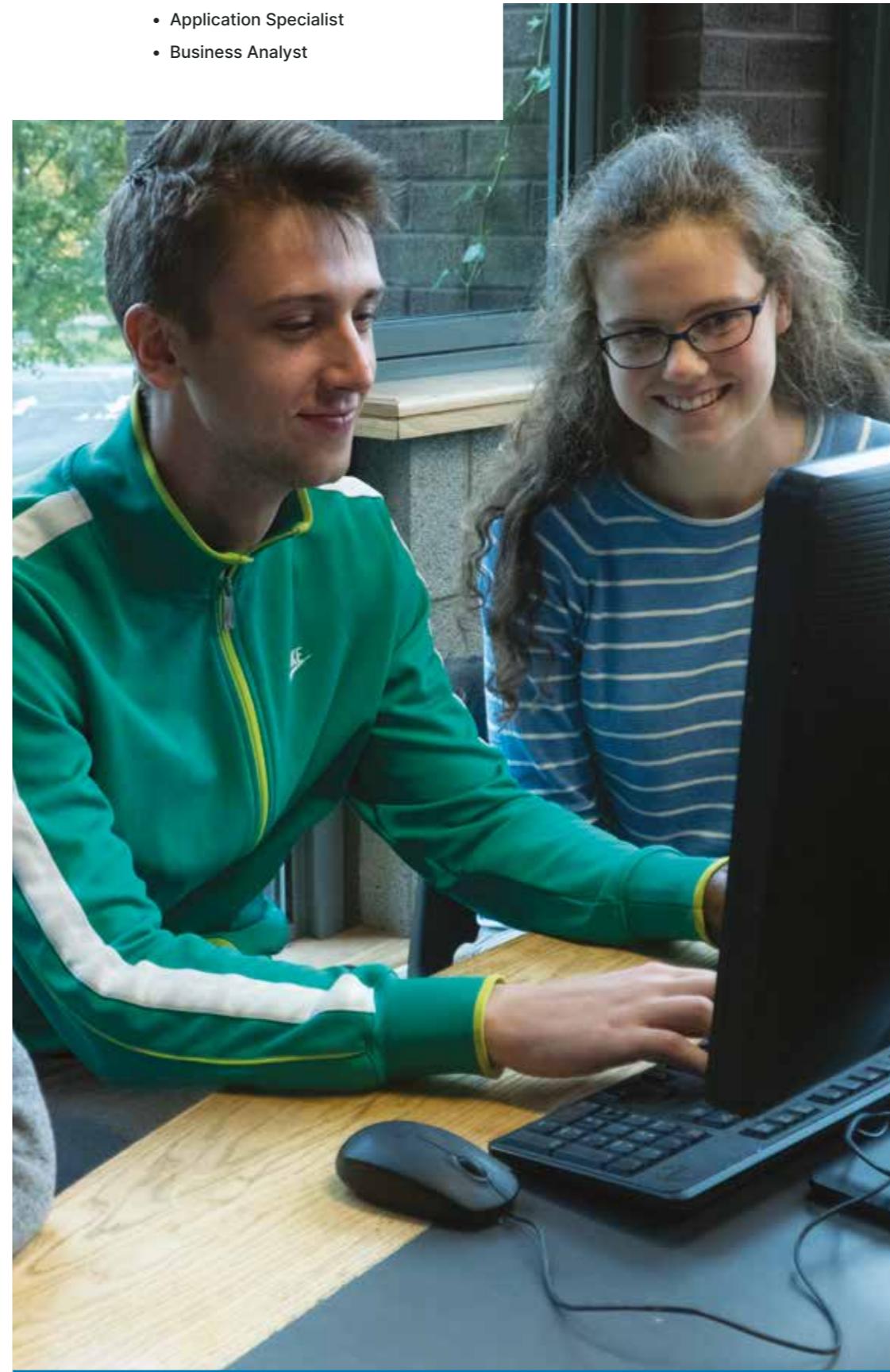
An integral part of the course is the Cooperative Education period, during which you will spend eight months working in a course-related job in a business or industrial environment outside the University. You will undertake a substantial individual project in your final year, which integrates and applies your previous learning and deepens your knowledge of some particular application or research area relevant to the course.

To find out more, go to www.csis.ul.ie

Career Opportunities

Careers open to you with a degree in Computer Systems include;

- IT Consultant
- Software Engineer
- Software Developer
- Machine Learning Specialist
- Data Scientist
- Web Developer
- Software Project Manager
- Application Specialist
- Business Analyst



Student Profile

Jay Conroy

This course has a big emphasis on improving your coding, software development and problem solving skills, which was a big draw for me. Project work is a large part of the course, which reflects the type of work carried out in industry. Projects are a great way to push your programming abilities, apply concepts taught in lectures and learn new skills by yourself.

For my Co-Op placement, I worked as a software engineer in the Cloud Engineering department at Hewlett Packard Enterprise (HPE) Galway. During my time there, I contributed to the development of Helion OpenStack, HPE's commercial distribution of OpenStack. OpenStack is an open-source software platform for cloud computing, consisting of components that control hardware pools of processing, storage, and networking resources throughout a data centre. I contributed both to HPE Helion and upstream to the OpenStack open source project by reporting and fixing bugs, reviewing code and implementing new features.

Every day I worked with very skilled engineers, getting involved in challenging problems, all the while improving my programming and problem-solving skills. I thoroughly enjoyed working in the cloud computing sector and I'd definitely consider it as a future career choice.

Key Fact

Entry route to BSc Computer Systems at UL is via LM121 Computer Science Common Entry.

Computer Games Development (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i bhForbairt Cluichí Ríomhaire

Course Info

Entry Route: LM121 Computer Science Common Entry

Course Director: Dr. Simon Colreavy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Computer Games Development

Course description



Want to know more? Go to:
www.ul.ie/courses/bachelor-science-computer-games-development

About You

If you are a creative type of person who enjoys puzzles and solving problems, this could be the programme for you. If you enjoy any kind of games, whether computer games or traditional board games, particularly if you like playing with alternative/optional rules, then this might be the course for you.

Why study Computer Games Development at UL?

The Computer Games Industry is an exciting field, currently outselling the film industry worldwide. Computer Game development is innovative and exciting from a technological and creative perspective, providing career opportunities for imaginative, logical, and energetic students. Graduates will have the satisfaction of seeing their work being enjoyed by a global audience. You will learn the art and science of computer games programming and design. Entry route to BSc Computer Games Development at UL is via LM121 Computer Science Common Entry.

This programme will equip you with the skills and technological ability to develop both Computer Game and computer graphic related systems. You will study Computer Science, with special emphasis on topics relevant to Game Design such as software development, mobile devices, computer graphics and artificial intelligence.

You will also study topics relevant to development of a game concept to the final "shooting script" (prior to programming).

The key aims of the B.Sc. (Hons) in Computer Games Development programme are to provide you with:

- Knowledge of the various programming languages and related platforms
- Skills in System Analysis, and integration of software components
- Expertise in areas such as the human computer interface and artificial intelligence which will enable you to develop software for an array of computer graphics and computer games domains.

- Experience creating bespoke Augmented and Virtual Reality environments, not just for use in games, but also engineering, cultural heritage, tourism, and other immersive-experience projects.
- Professionalism and networking skills, including keeping a portfolio and learning to promote your work to prospective employers in the games, graphics, and animation sectors.

What you will study

You will study the modules presented in Year 1 of the Common Entry route to Computer Games Development. The emphasis in Year 1 is on programming, an appreciation of its basis, and the study of the physical machine on which programs run. In the second year, and in the first semester of third year, the programme will extend your knowledge of general software development, while other modules are directly relevant to game development.

In semester two of year three, you will have an eight month cooperative education placement, either in Ireland or abroad, where you will get the opportunity to apply the knowledge you have learned, increase your awareness of the computer games work place and develop your social and business skills.

In the fourth year, you will undertake a significant independent project in the area. Normally this will involve development of one or more software components of a computer game, or developing a complete game using existing software components. In addition, you will continue to deepen your knowledge of general software development and to acquire deeper expertise in specialised aspects of game related issues.

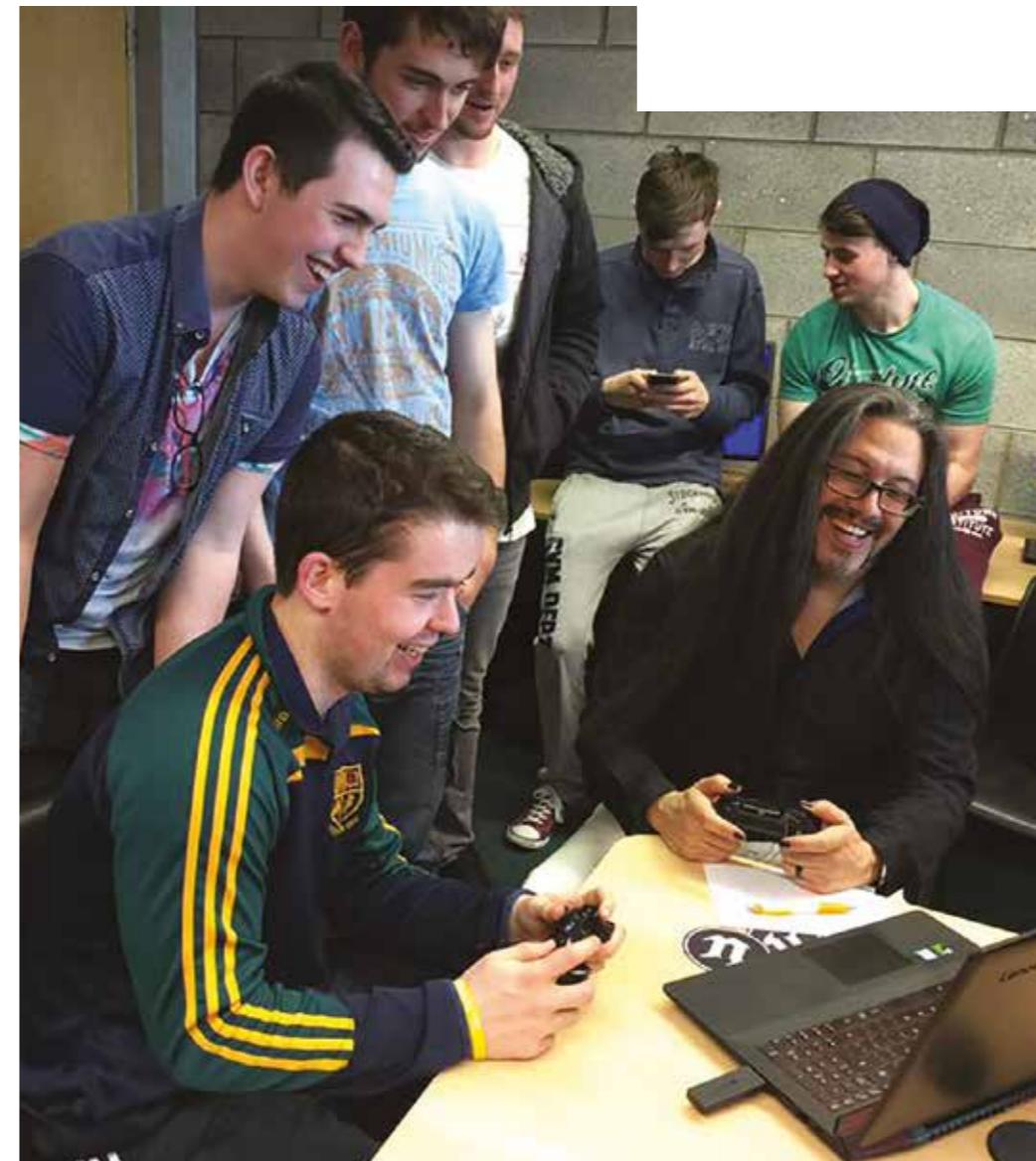
To find out more, go to www.csis.ul.ie

Career Opportunities

Career open to you with a degree in Computer Games Development include:

- Games programmer
- Graphics programming
- High performance computing
- Research and development in media and entertainment related technologies
- Software development
- Software engineering
- Systems analysis and design

For the qualified graduate, job opportunities abound in the software and software games industry. There is a worldwide scarcity of software developers especially in the domains of graphics programming and computer simulation. Employment possibilities in the computer games arena in Ireland and the UK are mainly in the area of games programming and design and games project management.



Student Profile

Daniel Keohane

I have always loved playing video games, but I was also extremely interested in how they were made. I looked at some of the topics covered in this course and felt it was the perfect option for me. This degree programme will teach you about software engineering, with a strong leaning towards games development. We learn about games-related subjects like computer graphics and AI, while still covering generic software modules like Object Oriented Development and Software Architectures.

For my Co-op work placement, I went to DemonWare in Dublin. DemonWare specialises in online software services for some of the top game developer studios in the world, powering some of the most popular video game titles. I worked for the Call of Duty team; my tasks involved developing features for the upcoming Call of Duty title and bug-fixing issues in existing titles.

Through my Co-Op, I gained a wealth of hands-on experience and developed my knowledge of Python, C++ and Git. This work placement at Demonware has been invaluable and is one of my strongest selling points when it comes to applying for any graduate position. While my development work was on the Call of Duty titles, I am also credited in: Call of Duty: Ghosts, Diablo 3 and Skylanders: Swap Force.

Key Fact

You will learn the art and science of computer games programming and design.

Entry route to Computer Games Development at UL is via LM121 Computer Science Common Entry.



Cyber Security & IT Forensics (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta sa Cibearshlándáil agus Riomhfhóireáinse

Course Info

Entry Route: LM121 Computer Science Common Entry

Course Director: Dr. Jacqueline Walker

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Cyber Security & IT Forensics

Course description



Want to know more? Go to:
www.ul.ie/courses/bachelor-science-mobile-communications-and-security

About You

Students who choose the BSc in Cyber Security & IT Forensics will come from a variety of backgrounds. If you...

- Enjoy learning about computing and networks but also like helping and working with people, you could work as an IT consultant;
- Have an aptitude for solving mysteries and doing a bit of detective work you can follow the security and forensics track;
- Like the thought of designing and creating things, you may want to pursue a career in web design and programming;
- Are business oriented, perhaps you will work in e-commerce.

Why study Cyber Security & IT Forensics at UL?

Today, at the start of the 21st century, computers, networks and mobile devices are everywhere. We rely on them for our banking, for our shopping, to store and send all kinds of sensitive and important data. But are they safe? When you use an ATM machine, how do you know that your transaction is secure? When you order groceries, how can you trust the system not to give away your credit card details?

In a wireless-connected world populated by computer viruses, spyware, malware and bots, security is vital. As the world is becoming increasingly interconnected using telecommunication networks, Cloud Computing and the internet, there has been a rapid growth in security software and the electronic communications market. Companies, governments and research organisations in Ireland and across the world are actively seeking professionals to design, manage and secure networks and telecommunications systems.

The BSc in Cyber Security & IT Forensics Degree in UL is about teaching you how to build secure systems to protect vital information, like bank details and medical records. You will be equipped with the expertise to be a leader in the on-going mobile networking revolution. You will be taught key concepts in computer and web security, such as: Software Development, Data Forensics, Ethical Hacking, Encryption, Computer Law and Ethics, Cloud Computing fundamentals and security.

By the end of this course you will be well placed to build the secure and safe networks and systems of the future, in addition to tackling web and computer based crime. Our well-equipped and modern laboratory facilities will enable you to acquire practical experience that will make you very competitive in today's and tomorrow's job market.

Entry route to Cyber Security & IT Forensics at UL is via LM121 Computer Science Common Entry.

What you will study

You will study the modules presented in Year 1 of the Common Entry route to BSc Cyber Security & IT Forensics. The emphasis in Year 1 is on programming, an understanding of its basis, and the study of the physical machine on which programs run. Throughout the following 3 years, the focus areas will include: Computer Programming/Software, Operating Systems and Data Forensics, Communications and Networking, and Data/Network Security. Plenty of hands-on practical laboratory experience is provided throughout the course.

Your study of Computer and Network Security modules begins in semester 3 and runs throughout the course – including topics in Cryptography, Computer Forensics, Computer Law and Ethics and Host and Network Security. Finally, you will also study Web, Internet and Mobile technologies throughout the course.

During the final year, you will have the opportunity to apply the skills learned in the previous three years in the specialist security and networking modules. You will also undertake a final year project which develops skills in design, implementation, testing and reporting. Each student will work with the guidance of an individual supervisor. The final year project will help you to 'pull together' the skills and techniques that you have acquired throughout the course.

As with other UL courses, a Cooperative Education placement provides 30 weeks of industrial work experience. In this course, Co-Op takes place in the second semester of 3rd year and through the summer break preceding 4th year.

To find out more, go to www.ece.ul.ie

Career Opportunities

Careers open to you with a degree in Cyber Security & IT Forensics include:

- Advanced study and research (designing/developing the systems of the future) with MEng/MSc/PhD
- Computer programmer/software developer (who designs and builds new computer applications)
- E-commerce/Web developer (who builds the systems, like Amazon, Facebook, e-Bay and Google which allow everyone to use the Internet for business and for fun)
- IT/Networking project manager (who specifies, designs and runs networking projects and installations)
- Network administrator/manager (who keeps the computer networks running)
- IT administrator/manager (who runs or manages the IT department in an organisation)
- Network security analyst/consultant (who designs and maintains computer systems which resist cyber attack)
- Computer crime consultant (who assists in the detection and investigation of cybercrime)

There are many possible careers available to graduates from this programme. The knowledge and skills gained in this course are needed in all industries across public and private sectors and at both national and international level. Employment opportunities exist in the development, deployment, maintenance and enhancement of secure networks.

For example: major multinationals need people with IT security skills to help protect their vital computer systems, banks will employ them as IT security experts, helping to secure the vital data and networks that are their primary assets, and police forces need people with skills in IT forensics to help detect and prosecute computer crime. Graduates with the skills provided by this programme will help to design and build the safer, more trustworthy computer systems and networks of tomorrow.

Recent graduates are working for employers like Intel, Dell, FireEye, JLR (Jaguar Land Rover), Citco Fund Services (Europe) B.V., AWS, WP Engine, Vodafone, Temetra, First Data, BearingPoint, HSE, Accenture and many others.



Student Profile

Evan Beaulieu

I went on Co-Op to FireEye in Cork. FireEye provide cyber security systems. My role was that of Customer Support Intern and my tasks involved helping the customers of FireEye with their IT issues around malware. The experience gave me a real insight into working in IT security and I gained a lot of knowledge that we then only covered in our final semester of 4th year. Having already learned some of the material in the workplace meant I was able to pick up the information much quicker and focus more on my other modules. I particularly enjoy the modules on network security, like Cryptography and Computer Forensics.

I like the practical aspect of the course. All of the main modules have purpose to them and I have been able to apply my knowledge in setting up internal networks and CCTV recording with Raspberry Pi's. Along with these practical skills, I also gained skills in communication and teamwork during my Co-Op. The experience has really prepared me for my future career as I am returning to the company to take up a full-time role after I finish my final year.

Key Fact

As a graduate of this course, you will be well placed to build the secure and safe networks and systems of the future, in addition to tackling web and computer crime.

LM122 Creative Media and Interaction Design Common Entry

(BSc Digital Media Design or BSc Music, Media & Performance Technology)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

CAO Points 2020: 327

Course Length: 4 Years

Course Director: Dr. Neil O'Connor

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: —

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

This course may suit you if:

- You are interested in the digital audio and video art industry
- You are keen to know how digital technologies are used and how they can make a difference in people's lives
- You would like to combine highly technological skills with artistic and creative endeavour
- You are interested in developing creative ideas into new interactive products;
- You enjoy learning about the latest advances that inform the digital arts domain
- You are interested in gaining technical expertise in digital media development, but want to integrate technical knowledge with social and design understanding

Why study Creative Media and Interaction Design at UL?

This programme allows you to take a variety of subjects centred on a human approach to computing technologies before deciding to choose a specific course. This route is designed to provide you with a gateway to better choice if you're unsure which area you'd like to study. LM122 Creative Media and Interaction Design is a gateway from Semester 2 (Year 1) to a degree in either:

- BSc Digital Media Design OR
- BSc Music, Media and Performance Technology

At UL, you get to try before you decide.

The B.Sc. in Music, Media & Performance Technology develops the technical and creative skills required to be successful media practitioners in both the music, video and media industries. The aim of the programme is to equip students with the ability to make a significant contribution to the continuing development and growth of the media arts, media industries and more broadly across other sectors that use digital media technologies for creative applications.

The B.Sc. in Digital Media Design develops the technical, creative and analytical skills needed to be successful media practitioners in both the Irish and global digital media industries. The design of digital media for human use is a crucial skill in contemporary society: How to design the content and interaction for websites? How to improve the usability and usefulness of portable devices? How to design a new killer app for smart phones? How to create new ways to engage and connect people through the use of interactive technologies?

What you will study

Each degree programme requires three years of study in addition to the one year for LM122. Creative Media and Interaction Design offers exposure to a variety of subjects relating to different areas of computing, art and interaction. Our well-equipped and modern laboratories will enable you to acquire

the practical experience and skills, with confidence.

Subject areas covered in the first semester are;

Introduction to Digital Media

This module will introduce you to some of the seminal developments in technology and to provide a historical perspective on how these developments have impacted on human development.

Graphic Design

This module aims to introduce students to the principles behind graphic-design & animation and the practice of creating graphics and animations.

Media Programming 1

This module will familiarise media students with computer programming and make them aware of how it can be of benefit to them in their careers. You will learn how to write your own programs to create and manipulate images.

Sociology of Media

This module will give you a critical understanding of the mass media from a sociological viewpoint. It will introduce students to key aspects of the debate amongst social scientists about the workings and influence of the media. The course is structured upon an examination of these key areas as well as presenting examples of the various methodological approaches used by sociologists in their analysis of the mass media.

Technological Mathematics 1

This module will introduce the fundamental concepts of calculus and linear algebra, and help you to develop and integrate the basic mathematical skills relevant to technology.

You will follow a common first semester programme of study, and then you will specify your preference.

Choose from:

BSc Music, Media and Performance Technology

BSc Digital Media Design

Access to your preferred course is unrestricted.

Your Degree,
Your Choice.

Career Opportunities

The career opportunities will depend primarily on the BSc course chosen by you, typical areas are:

Music Media & Performance Technology:

Multimedia Programmer-Artist; Software Developer for Digital Art Applications; Sound and Video Engineer; Video Editor; Audio-Visual Post Production; Radio and Television Broadcasting; Audio-Visual Artist; Researcher in Media, Music and Visuals.

Digital Media Design:

Interaction Designer; User Experience Designer; Web Designer; Social Media Specialist; User Interface Designer; Usability Specialist; Multimedia Developer; Multimedia Project Coordinator; Design Consultant; Interaction Design Researcher.

Follow-On Study

Related postgraduate courses at UL include;

- M.A./M.Sc. Art & Technology
- M.A./M.Sc. Interaction and Experience Design

LM122 Online

Course description



Want to know more? Go to:
www.ul.ie/courses/LM122.html



Digital Media Design (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i nDearadh do na Meáin Dhigiteacha

Course Info

Entry Route: LM122 Creative Media and Interaction Design Common Entry

Course Director: Dr. Mark Marshall

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Digital Media Design

Course description



Want to know more? Go to:
www.ul.ie/courses/LM122.html

About You

Digital Media Design could be for you if you want to combine both your creative and technical sides. It will provide you with the skills to think critically about technology and to understand how design impacts people.

Why study Digital Media Design at UL?

The future of design is digital. Whether it's a watch that tracks every step you take or sensors embedded in our clothing; every part of our lives is shaped by technology. The degree in Digital Media Design provides you with the skills and knowledge to think creatively about how we interact with the technologies that surround us and to develop designs that are people-centred in innovative ways.

The field of Interaction and User Experience Design is constantly evolving. The degree in Digital Media Design will provide you with the skills to design engaging interactive experiences for users building on new technologies. You will work with real-world design cases and gain insight into the industry from our design partners, as well as cultural and civic organisations.

Working as an Interaction Designer means continuously evolving with the needs of users and developments in emerging technologies - this requires critical and creative thinking.

We help you develop essential skills to identify and respond to people's needs, using a number of people-centred design methods. We help our students to understand what people want and how to design suitable interfaces and interactions working with technologies. We encourage creativity and reflective design by teaching research skills and supporting students in active research projects. We develop designers who can explore existing and emerging technologies in a meaningful way. Our students have access to cutting-edge hardware, software and the support of expert lecturers and technicians, for multiple purposes, including:

- Prototyping apps on mobile platforms (e.g. Android).
- Producing screen-based content with creative software (e.g. Adobe,

Processing, Figma, Sketch, Final Cut Pro).

- Building interactive objects with physical computing (e.g. Arduino, Raspberry Pi).
- Exploring interactive programming (e.g. Processing, HTML, CSS, Javascript).

Entry route to BSc Digital Media Design at UL is via LM122 Creative Media and Interaction Design Common Entry.

What you will study

The BSc in Digital Media Design is a unique course that provides its students with a combination of essential skills for thinking, understanding and designing FOR people WITH technology. Graduates emerge with the critical and creative expertise to design meaningful interactions for people. The course includes an industry placement and focuses on how to design through an iterative practice of experimentation and reflection.

Topics include:

- User-Centred Design
- Participatory Design
- Product Design
- Mobile App Design
- Physical Computing
- Coding
- Sociology of People and Media
- Prototyping and User Research
- 3D modelling and fabrication
- Digital Animation
- Designing for Augmented/Virtual Reality

By the end of this course you will have

skills and insight to design meaningful experiences and interactions with technologies, tools that centre around people.

Career Opportunities

Careers open to you with a degree in Digital Media Design include;

- Interaction Designer
- User Experience Designer
- User Interface Designer
- Usability Expert
- Digital Product Designer
- Design Consultant
- Service Designer
- Frontend UI Designer
- User Researcher
- Design Ethnography

Graduates from this course will be equipped to create and develop interactive multimedia projects. They will have acquired a sophisticated understanding of the aesthetic and technical issues involved. There is an increasing need for graduates with the ability to cross social and technical boundaries, in order to exploit the opportunities offered by computer technology in a range of industries and services such as software companies, interactive product design, service design, general media and education.

Follow-On Study

Related postgraduate courses at UL include;

- MA/MSc in Interaction and Experience Design
- MA/MSc in Art & Technology
- MSc Design for Health and Wellbeing



Graduate Profile

Daniel Beere

I chose to study Digital Media Design at UL as I wanted to work as a graphic or web designer, but this course teaches you that design goes far beyond the pixels you see on the screen. In choosing this course, you will be given an insight into many areas of digital media and encouraged to discover what really interests you.

I graduated from the University of Limerick and I am now a Product Designer, following some roles focused on UX and frontend development. As a Product Designer, I work cross-functionally with product, marketing, engineering and other business partners to arrive at the best possible designs. Product Designers span the entire design process from research, prototyping, visual design, all the way through to supporting engineers implement designs / solutions. This has grown to be more than just a career as it is also my interest and a very keen hobby, so do what interests you... it makes working so much more fun!



Student Profile

Colin Doherty

Digital Media Design (DMD) focuses on new media industry perspectives, teaching students how to use industry standard applications, but also teaching creativity and understanding. The main focus is on interaction design, but people who also love videography, photography and graphic design find themselves a welcome home in DMD!

One of my favourite subjects on the course is Digital Video Fundamentals which has become a great passion of mine. The skills I learned in this area proved to be very useful when I was on CoOp and I was given the opportunity to film and edit videos, which went on to win international awards.

I went on CoOp to the SAP Apphaus in Dublin as a User Experience intern. The Apphaus is a new generation office, which is built around team work in a highly collaborative, flexible and creative environment. This placement benefited me greatly as I was given a project for myself in which I came up with my own problems and solutions. The team I worked with were always willing to answer my questions, and under their guidance I learned a great deal. The experience helped me build a solid foundation for my future career by improving my customer interview skills, which is exactly what an interaction designer needs to do!

Key Fact

Digital design is an exciting fusion of product design, graphic design, computer coding and user research.

Entry route to BSc Digital Media Design at UL is via LM122 Creative Media and Interaction Design Common Entry.

Music, Media and Performance Technology (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i gCeol, na Meáin & Teicneolaíocht Léiriúcháin

Course Info

Entry Route: LM122 Creative Media and Interaction Design Common Entry

Course Director: Dr. Giuseppe Torre

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Music, Media and Performance Technology

Course description



Want to know more? Go to:
www.ul.ie/courses/LM122.html

About You

This programme might suit you if;

- you are interested in the digital audio, video art and film industry
- You enjoy learning about the latest advances that inform the digital arts domain
- You would like to combine highly technological skills with artistic and creative endeavour
- You want to develop creative ideas with the support of the latest software and hardware tools.

Why study Music, Media and Performance Technology at UL?

The BSc in Music, Media and Performance Technology is a programme that enables students to enter into the contemporary world of digital media, film, sound and interactive technology and performance. Students develop a wide range of skills and are given many opportunities to become proficient in areas of special interest. The programme provides a strong contextual understanding of culture and media and enables technical proficiency in the technologies of culture making, including coding, cinematography and sound engineering.

The aim of the programme is to equip you with degree level competence in music, media and performance technologies. On graduation, you will be capable of making a significant contribution to the continuing development and growth of the Digital Arts, the Music Technology and Media industries and more broadly across other sectors that use digital media technologies.

Facilities include professional grade digital recording studios, with a composition suite and post production facility based around industry standard hard disk recording systems (Pro Tools and Logic Pro) and includes dedicated facilities for surround sound mixing and mastering. In addition to professional grade video recorders and editing equipment, a new dedicated digital media laboratory provides state of the art software and hardware for both audio and video applications.

This programme will;

- Give you expertise in music and video digital media technologies

Teach you the skills required for the creative use of music and video digital media

- Help you to acquire the expertise needed for you to take an active role in the diverse field of digital media
- Support you in your development of a critical and independent approach to problem solving that will help you to reach your full potential throughout your career

- Enhance your capacity to learn independently, by your own resources

Entry route to BSc Music, Media and Performance Technology is via LM122 Creative Media and Interaction Design Common Entry.

The course is one of a pair of sister courses - the other being the BSc in Digital Media Design. These two courses offer different yet related perspectives and training in digital media, while sharing modules and approaches. The BSc in Music, Media & Performance Technology is focussed on the technical principles and theory of digital media and their creative use in video, music and performance.

What you will study

The unique feature of this course is that it focuses on training a new type of interdisciplinary graduate who combines technological competence with artistic and creative endeavour. You will learn;

- The creative implementation of digital media
- The development of both audio-visual software tools (programming) and of real-time audio-visual performances (artistic skills)
- Individual and small group practice is based around active practitioners; e.g. musicians, composers, video artists, video producers and directors
- Mathematical and technical aspects of electronic media, how people perceive multimedia sound and image
- The theory, principles and application of digital audio and video and the issues arising from these principles in practice
- Student-driven development of projects in directed study through electives agreed with the course board, e.g. ethnomusicology and musicology

To find out more, go to www.csis.ul.ie

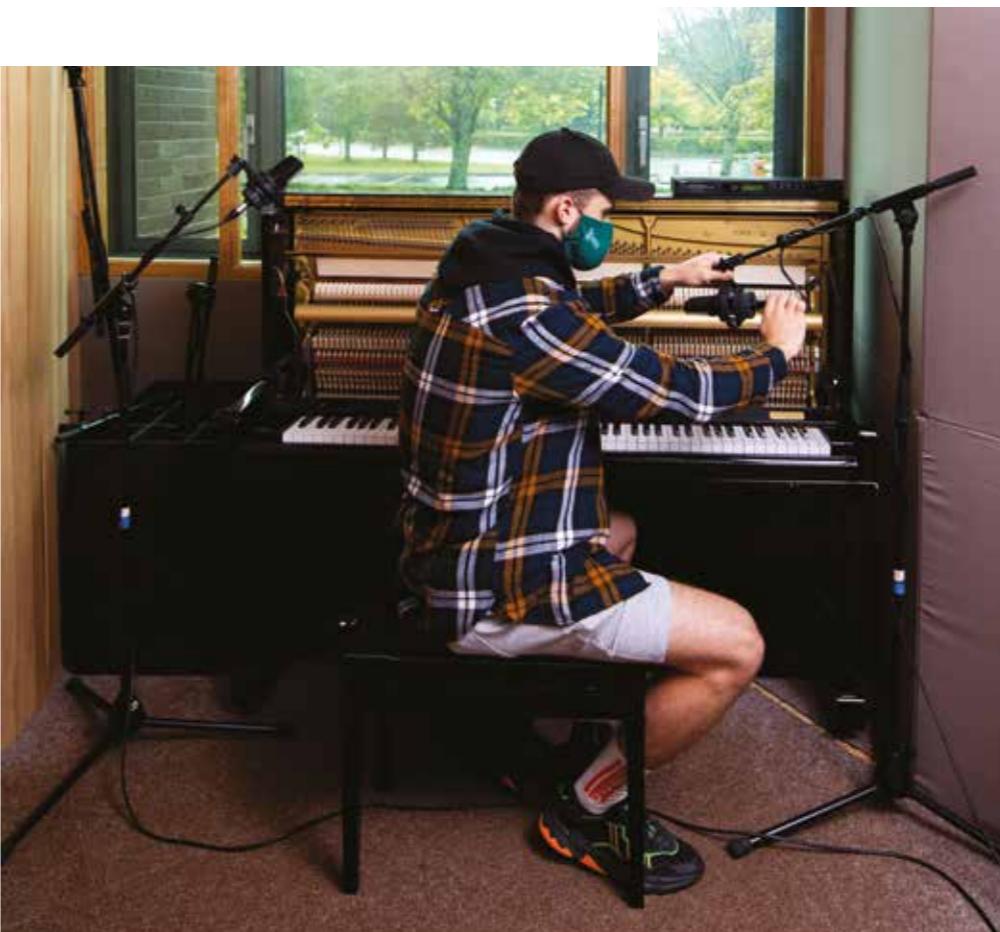
Career Opportunities

Careers open to you with a degree in Music, Media and Performance Technology include:

- Multimedia Programmer-Artist
- Software Developer for Digital Art Applications
- Sound and Video Engineer
- Video Editor
- Audio-Visual Post Production
- Radio and Television Broadcasting
- Audio-Visual Artist
- Researcher in Media, Music and Visuals

The programme prepares students for careers in Audio and Video Technology and Arts. You will develop your knowledge within an academic setting where experimentation and creativity are encouraged. Graduates will be equipped to create and develop interactive music and multimedia projects. They will have acquired a sophisticated understanding of the aesthetic and technical issues involved.

There is an increasing need for graduates with the openness to cross technical and artistic boundaries and develop the use of computer technology in a range of industries and services such as recording, general media, broadcasting and education.



Follow-On Study

Our graduates learn a broad range of theory and practices in all digital media. They are prepared to do MA/MSc or PhD research in music technology, video, performance and interactive technologies, creative application design, human computer interaction and many other media-related courses. Related postgraduate courses at UL include:

- MA/MSc in Interaction and Experience Design
- MA/MSc in Art and Technology

Student Profile Nicola Kiely

I was interested in technology, design and radio so this course seemed a perfect mix of all three, with a few other areas mixed in. With subjects like Performance Technology, Digital Arts and Creative Coding, we can show off our creative abilities. We use coding to create an audio/visual piece for display or performance. The course is very broad and covers such a vast amount of music, art, technology and so much more. The University itself provides great learning facilities, particularly all the software and hardware we need for any projects. For me, the best thing about the course is building up such a vast skill set in so many different areas, which means I have a long list of job prospects after graduation.

For my Co-Op I went to Limerick's Live 95FM, a local radio station based in Limerick City. My role was Research Assistant for a current affair talk show that airs daily. My daily jobs included booking guests for the next show, researching stories to discuss on air, meeting guests in studio before interview, writing interview scripts and podcasting interviews.

Working in production showed me how much work goes into preparing a radio show and I was grateful to play a part in putting it all together. I learnt so much in my time there and was so confident in my role towards the end. While Research Assistant was my role, I was given opportunities to grow many other skills while I was there. I'm still in contact with the station and several opportunities have since risen to work there again.

Key Fact

A new dedicated digital media lab at UL provides state of the art software and hardware for both audio and video applications.

Entry route to BSc Music, Media and Performance Technology is via LM122 Creative Media and Interaction Design Common Entry.



LM123 Biological and Chemical Sciences Common Entry

(BSc Bioscience or BSc Environmental Science or BSc Industrial Biochemistry or BSc Pharmaceutical & Industrial Chemistry)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

CAO Points 2020: 441*

Course Length: 4 Years

Course Director: Dr. Hugh Geaney

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

* Indicates that not all applicants who scored these points were offered places.

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

Science: H4 in one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry.

Additional info:

- Mature Pathways
- QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you interested in Science? Would you like to understand how living things work, evolve and function at the molecular or cellular level? Are you interested in a career that can really make a practical contribution to helping address the challenges that presently face the world, for example, the discovery of new drugs to fight disease, inventing new materials for biomedical devices, developing greener systems to protect the quality of our environment? Do you want a challenging career and one tailored to meet the needs of a wide spectrum of employers? Then this programme might be for you.

Why study Biological and Chemical Sciences at UL?

This entry route is designed to provide you with a gateway to better choice if you're unsure which area you'd like to study. You can avail of a broad common first year which will introduce you to various topics in Biological and Chemical Sciences. Having gained a better understanding of each subject area, you then choose your preferred pathway to specialise for the remaining 3 years of your degree programme. At UL, you get to try before you decide.

Science requires a fundamental understanding of the key areas of biology and chemistry and the LM123 Biological and Chemical Sciences at the University of Limerick offers prospective students an opportunity to develop a core competency in both scientific areas in their first year at University.

LM123 Biological and Chemical Sciences is a gateway from Year 2 to a degree in either:

- BSc Bioscience OR
- BSc Environmental Science OR
- BSc Industrial Biochemistry OR
- BSc Pharmaceutical and Industrial Chemistry OR
- BSc Biomedical Science (after completing Years 2 and 3 in Bioscience)

Having selected LM123 Biological and Chemical Sciences you will be requested to rank the 4 degree options in order of your preference during Semester 2. In the event that a programme is over-subscribed, places will be allocated based on UL exam performance.

Choose your preferred degree pathway from one of the following four options;

The **B.Sc. Industrial Biochemistry** focuses upon the study of living cells (or components of living cells) and the medical/industrial applications of such substances. It is designed to prepare you for a career in biotechnology and allied industries, and has a very strong employment record.

The **B.Sc. Environmental Science** will provide you with a strong scientific understanding of environmental issues at local, national and global level and will give you a full knowledge of technological and management

methods available to help improve the quality of our environment.

In the **B.Sc. in Pharmaceutical & Industrial Chemistry** fundamental and applied aspects of organic, inorganic, physical, analytical chemistry and materials chemistry are covered as well as key chemical engineering topics. These programmes will qualify you for employment in a variety of professional careers in the pharmaceutical and chemical sectors.

With the **B.Sc. in Biosciences** degree the emphasis is on cell biology and molecular medicine. Ireland is one of the leading international locations for the Life Science industry, which spans biopharmaceuticals, diagnostics, medical devices and biotechnology. Biosciences is extremely important to Ireland's economy and its future growth.

The degree would provide an excellent foundation for students considering application to graduate entry medical school or to a post-graduate career in Bioscience/Life Sciences area.

Underpinning the LM123 Biological and Chemical Sciences programme are two very important student facilities. The first is access to the Science & Maths Learning Support Centres which offers all students an opportunity to further enhance their scientific and mathematical knowledge in the core scientific areas. Secondly, in all of the subsequent degree options outlined above, industrial work experience over

an eight month period is provided through a relevant work placement as part of the Cooperative Education programme. There are many benefits to this programme for the student including the opportunity to apply academic knowledge to the work environment as well as developing many important skills including teamwork, problem-solving and communication skills. It also provides the student with very valuable work experience which increases their future graduate employment prospects.

What you will study

Students entering the programme will undertake specific modules in the areas of chemistry, biology, maths and physics. As the subsequent degree programme choices focus heavily on biology or chemistry (or a combination of both), the biology and chemistry subjects taken in LM123 are designed to facilitate students in developing a fundamental competency in these areas. In conjunction with these core scientific modules, there will also be an interesting set of modules designed to give students a clear understanding of the key areas and content of the subsequent degree programme options of industrial biochemistry, pharmaceutical & industrial chemistry, biosciences and environmental science.

LM123 Online

The student experience



Want to know more? Go to: www.ul.ie/courses/LM123.html



LM123 Biological and Chemical Sciences is a gateway to a degree.

Choose from:

BSc Bioscience

BSc Biomedical Science

(after completing Years 2 and 3 in Bioscience)

BSc Environmental Science

BSc Industrial Biochemistry

BSc Pharmaceutical and Industrial Chemistry

Your Degree,
Your Choice.

Career Opportunities

The career opportunities will depend primarily on the BSc course chosen by you, typical careers are:

Industrial Biochemistry

Biotech Production Scientist, Manufacturing Biochemist, Process Technician, Quality Assurance Manager, Scientific Researcher, Patent Agent.

Environmental Science

Environmental Officer, Environmental Laboratory Scientist, Environmental Consultant, Environmental Auditor, Water Conservation Officer, Water Quality Scientist.

Pharmaceutical and Industrial Chemistry

Chemist, Industrial Chemist, Environmental Chemist, Chemical Process Engineering, Quality Assurance Manager.

Bioscience

Graduates of the programme will be well positioned to gain employment in Ireland's rapidly growing high tech Life Science industry, or pursue further study in fields such as molecular biology, cell biology, microbiology or immunology.

Biomedical Science

Graduates of the programme will be well positioned to gain employment in the high-tech Life Science and pharmaceutical industry, or pursue further post-graduate study in disease and Biomedical research.

Pharmaceutical and Industrial Chemistry (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Dr. Emmet O'Reilly

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Pharmaceutical and Industrial Chemistry

Course description

Want to know more? Go to:



www.ul.ie/courses/LM123.html

About You

Are you interested in a career that can really make a practical contribution to helping address the challenges that presently face the world, e.g. the discovery of new drugs to fight disease, or inventing new materials for biomedical devices?

Have you a flair for science and technology and would like to use these talents in a well-paid, intellectually satisfying and productive career as a professional chemist? If so, then this may be the programme for you.

Why study Pharmaceutical and Industrial Chemistry at UL?

The Pharmaceutical & Industrial Chemistry degree course qualifies you for employment in a variety of professional careers in the pharmaceutical, biopharmaceutical, biomedical and chemical sectors. The course structure combines both theory and practical work to ensure graduates are well prepared for the challenges of a position in each of these fields upon graduation. Fundamental and applied aspects of organic, inorganic, physical and analytical chemistry are covered as well as key elements of computational chemistry and chemical engineering.

In the third year of the programme you will spend eight months as a full-time paid employee of a pharmaceutical or chemical company during the work placement period (Cooperative Education). The course is accredited by the Institute of Chemistry of Ireland and the Royal Society of Chemistry (RSC) with graduates eligible for RSC Chartered Chemist status.

There are significant employment prospects both nationally and internationally for our graduates in companies involved in the production of numerous items and goods that are essential to modern living:

- Pharmaceuticals and Biopharmaceuticals
- Materials for Medical Devices
- Materials for Renewable energy e.g. Solar
- Polymers and plastics
- Computer components (including microchips and integrated circuits)
- Fuels (Biofuels and non-fossil)

Typical duties of our graduates include:

- Drug discovery and synthesis
- Formulation and production of active ingredients for pharmaceuticals
- Scale up of drug synthesis from the laboratory to the production plant
- Laboratory quality analysis of pharmaceuticals
- Developing innovative processes for making chemicals and pharmaceuticals
- Quality assurance, validation and regulatory compliance e.g. FDA licensing
- Pollution monitoring/control and environmental remediation
- Chemical analysis work e.g. Forensic analysis or process troubleshooting
- Research and development
- Teaching chemistry at secondary level
- Further study to PhD/MSc level

What you will study

The programme is of four years duration. Having followed a broad common first year (LM123) where students will learn about a variety of topics including;

- Chemistry (Inorganic, Organic, Analytical and Physical)
- Computing
- Mathematics
- Introductory Physics
- Introductory Biochemistry

The second year builds upon these fundamentals while introducing modules in Process Technology and Photochemistry. During the third and fourth years students will undertake additional modules in Polymer Chemistry, Process Technology, Safety in Industry, Computational Chemistry, Chemical Nanotechnology, Advanced Analytical Chemistry and Pharmaceutical Formulation. The Cooperative Education work placement occurs in year three from early January to the end of August.

Career Opportunities

Careers open to you with a degree in Pharmaceutical and Industrial Chemistry include;

- Chemist
- Industrial Chemist
- Environmental Chemist
- Chemical Process Engineer
- Quality Assurance Manager

Coming from the longest established applied chemistry programme in Ireland, our graduates have an extremely well regarded reputation with employers. Over 95% of graduates are employed in Ireland and work with major pharmaceutical companies including Pfizer, Eli Lilly, GSK, Janssen, Eiregen, Regeneron and many others. Graduates have progressed to leadership positions occupying roles such as Plant Manager, Process Manager, Research Director through to Managing Director positions both in Ireland and internationally. Our graduates enjoy recognition as qualified chemists by professional bodies within Ireland, the UK, and worldwide.

Our graduates work in a wide range of employment sectors such as:

- Pharmaceuticals/drug production
- Clean chemical technologies
- Renewable fuels and sustainable energy generation
- Paints, plastics & textiles
- Drug discovery and development
- Mineral and metal processing
- Chemical quality control & validation
- Electronic materials and components

Follow-On Study

Numerous opportunities exist for students that have graduated from the programme at the appropriate level. Funded postgraduate research work to Masters or PhD level at UL or at other universities worldwide, specialist taught MSc's, and professional add-on/conversion courses (e.g. a Graduate Diploma in Chemical Engineering) are among the more popular options.

Student Profile Killian Stokes

If you have a keen interest in chemistry, this is the degree for you!

As well as the interesting laboratory work, the course offers refreshing, new ways of learning. I enjoy the fact that we study topics which are at the forefront of the chemical industry including various analytical methods and nanotechnology.

Co-Op at UL offers a fantastic opportunity to get first-hand industrial experience as part of your degree. On my placement, I worked at Bristol-Myers Squibb Cruiserath in Dublin where I was assigned many varied tasks and projects. I thrived on the level of responsibility given to me as a student on Co-Op and felt I gained excellent experience in this field of pharmaceuticals. Some of the work I was assigned called for analytical skills and I had the opportunity to present my results and findings to management, which further improved my organisational and communication skills.



Key Fact

The course is accredited by the Institute of Chemistry of Ireland and the Royal Society of Chemistry (RSC) with graduates eligible for RSC Chartered Chemist status.

Industrial Biochemistry (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Dr. Luis Padrela

Enquiries

Email: luis.padrela@ul.ie

Tel: 00 353 61 237780

www.ul.ie/admissions-askus

BSc Industrial Biochemistry

Course description



Want to know more? Go to:
www.ul.ie/courses/LM123.html

About You

Are you interested in biological sciences and wish to delve deeper? Would you like to understand how living things work, evolve and function at the molecular level? Do you want to prepare for a future where molecular biology will be at the coalface of human endeavour? Then this course might be for you.

Why study Industrial Biochemistry at UL?

The B.Sc. in Industrial Biochemistry is a degree programme in biotechnology. It focuses upon the study of living cells (or components of living cells) and the medical/industrial applications of such substances. It is designed to prepare you for a career in the biotechnology sector and allied industries and has a very strong employment record.

Examples of traditional biotechnological processes include the use of microorganisms to produce alcohol or antibiotics. Examples of more modern biotechnological processes include the use of genetic engineering to produce protein-based drugs or "Biopharmaceuticals" (e.g. Insulins or Interferons), engineered plants, which are drought or pesticide resistant or transgenic animals displaying some novel characteristic, such as faster growth.

The core subjects studied include:

- **Biochemistry** (study of the structure and biological function of cellular molecules such as proteins and DNA, and how these molecules interact to form living cells)
- **Industrial Biochemistry** (study of the applications of biological molecules for medical, industrial, environmental, agricultural or analytical purposes)
- **Microbial Technology** (study of microbiology and the uses of bacteria, fungi, yeast and viruses)
- **Genetic Engineering** (identification, isolation, engineering and expression of genes in order to gain new insights into gene function or for the generation of gene-mediated industrial/medical products)
- **Bioprocess Technology** (aspects of industrial-scale biotechnology manufacturing/processing)

- **Analytical Science** (methods and techniques used to detect and quantify biological molecules/chemicals in samples, for example measurement of hormone levels in blood or pesticide levels in water)

In addition to these a number of other relevant subjects are also undertaken, including computing, chemistry, maths and bioinformatics.

What you will study

The programme is of four years duration. The first year (through LM123 Common Entry) provides you with the required academic foundation in:

- Biology
- Introductory industrial biochemistry
- Computing
- Chemistry
- Mathematics
- Introductory physics

The second year builds upon these fundamentals, introducing you to courses in:

- Biochemistry
- Microbial technology
- Bioprocess technology
- Analytical sciences

During the third and fourth years you will undertake additional specialised modules in biochemistry, genetic engineering, microbial technology, diagnostics, applied immunology and bioinformatics. In the final year a stream of elective modules allows the student to specialise in topics such as Biomaterials (new materials in the medical device industry), entrepreneurship, waste management and specialised biochemistry modules. A project, which is undertaken throughout the final year, allows students to analyse a problem in depth and, if interested in postgraduate research, gives you the opportunity to carry out an exploratory investigation of a potential research topic.

During the spring semester of year 3 and the subsequent summer, a period of Cooperative Education (student placement in industry) gives you experience of the practice and application of industrial biochemistry in a working environment. Such

relevant industrial experience, gained either at home or abroad, has proven particularly beneficial to students seeking employment in industry after completing their studies.

To find out more, go to www.ul.ie/~ces

By the end of the course

You will have a deep knowledge of the concepts, facts and technologies that underpin industrial biochemistry. These areas include biochemistry, microbiology, genetic engineering, biotechnology and biochemical engineering. From here you will be very well placed to gain employment directly in industry, or go on to further studies, either within Ireland or internationally.

Career Opportunities

Industrial Biochemistry opens up a wide variety of potential careers in many areas including;

- Quality assurance, validation and regulatory compliance e.g. FDA licensing
 - Quality control
 - Manufacturing
 - Research and development
- Previous graduates have been appointed to roles in areas such as quality, production and R&D in the following industries;
- Pharmaceutical
 - Biopharmaceutical
 - Diagnostics
 - Medical devices
 - Brewing
 - Industrial enzyme/ natural products
 - Food/dairy
 - Clinical biochemistry (e.g. hospital/ private testing labs)
 - Scientific civil service
 - Teaching/lecturing
 - University/government research
 - Technical (scientific) writing/editing
 - Patent Office

While many of our students go directly into employment after graduating, some continue their studies at postgraduate level, gaining masters degrees or doctorates in a range of subject disciplines.

Follow-On Study

Our graduates have a good understanding of Biochemistry and related subjects, allowing further study to MSc and PhD levels in various areas of science and engineering.



Student Profile

Ciara Leahy

I studied both biology and chemistry for Leaving Certificate and liked the idea of combining these subjects to study at third level. I always had an interest in Science and knew I was likely to end up working in the industry. This course stood out to me because of the focus on industrial applications of biochemistry and I felt that it would really prepare me for a career in the industry.

The course contains a broad range of modules from analytical chemistry to microbiology to immunology and industry-relevant modules such as Quality Management. The first three years especially have many labs which give you a practical and hands-on approach to the subjects. Our lecturers are extremely supportive, personable and encouraging - it makes lectures more interactive and less like a school lesson.

The stand out experience at UL for me has been Co-op where I gained invaluable experience in industry. I was placed in Abbott Diagnostics, Sligo where I worked as a validation engineer. I was involved in authoring technical validation documents and I was directly involved in an FDA audit. I was also involved in a site investigation and the associated CAPAs which was a really good experience. While I wasn't in a lab working directly with biochemistry, I gained an appreciation for the work that goes on behind the scenes including the validation of the lab equipment. I developed a range of skills including problem-solving skills when validations didn't go to plan, teamwork skills from working on various departmental CFTs and technical writing skills in the authoring of documents. My co-op exposed me to parts of industry which you can only learn so much about in a classroom.

Key Fact

Industrial Biochemistry will provide you with a strong foundation in the understanding of all aspects of Biopharmaceutical production.

Entry route to this degree at UL is via LM123 Biological and Chemical Sciences Common Entry.

Environmental Science (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Note: You can also enter Environmental Science directly in Year 1 – see LM066 Environmental Science (which is the direct entry route) for details.

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Dr. Peter Davern

Enquiries

Email: peter.davern@ul.ie

Tel: 00 353 61 213185

www.ul.ie/admissions-askus

BSc Environmental Science

Course description

Want to know more? Go to:



www.ul.ie/courses/LM123.html

About You

- Are you interested in Science?
- Are you concerned about the quality of our environment?
- Would you like a career helping to make improvements to our environment for the benefit of this and future generations?
- Do you want to understand more about the global and national challenges of climate change?
- Do you want a challenging career and one tailored to meet the needs of a wide spectrum of employers?

Then perhaps you should study Environmental Science at UL.

Entry route to this degree at UL is via LM123 Biological and Chemical Sciences Common Entry.

Why study Environmental Science at UL?

Maintaining both the quality of life and a clean and healthy environment is now a major concern of Government, employers, non-governmental organisations and citizens. The EU now has a very comprehensive environmental policy, and as a Member State, Ireland is obliged to act in accordance with this policy.

More stringent environmental requirements are being placed on industry and the community in areas such as energy usage, waste minimisation, waste management, recycling, water and air quality. Consequently, there is a strong demand for graduates with a scientific understanding of environmental, health and safety issues, together with a full knowledge of technological and management methods available to help improve the quality of our environment.

What makes Environmental Science at the University of Limerick distinctive is its relevance to industry and business, through a focus on environmental technology, environmental management and health & safety in the workplace.

Having followed a broad common first year, you will then be provided, in your second, third and fourth years, with a strong foundation in biology, chemistry and ecology, and with an in-depth

knowledge of environmental technology, environmental management, conservation and waste management.

The main areas of study will include:

- Environmental Science - the application of the fundamental sciences to environmental issues.
- Environmental Management - the assessment of a broad range of issues around global warming and how strategies can be developed and implemented to protect all aspects of the environment.
- Geographical Information Systems (GIS) – the use of a vast array of data sources and mapping techniques to evaluate environmental patterns and trends at regional level and beyond.
- Clean Technology - the design and application of cleaner technologies and processes to minimise the negative impacts of technology on the environment.
- Waste Management - the physical methodologies and techniques for dealing with increasing levels of waste generated by the manufacturer and consumer.
- Health & Safety - a focus on the causes and consequences of poor workplace practice and performance, and the resulting immediate and long-term impacts on human health and safety, whether in the workplace or in the broader community.

What you will study

The degree programme is four years in duration. Early modules are concerned with building up your understanding of core science relevant to the environment (biology, ecology, chemistry, computing, maths and physics) as well as an introduction to Environmental Science. The basic concepts used in these subjects are applied to specific environmental science applications. Later modules in the programme focus on the areas of environmental management, environmental technology, environmental impact assessment, geographical information systems, waste management, environmental monitoring and health & safety.

In the third year, the University organises Cooperative Education for

all students. This is a period of approximately eight months of paid employment for you in a position which is relevant to environmental science. This placement benefits you in a number of ways in that it:

- facilitates you in applying techniques and knowledge acquired in the University to the workplace environment,
- provides you with significant environmental experience which may be of help when seeking a position on graduation, and
- gives you the opportunity to work as part of a team to solve real problems in the workplace.

In the final year of the programme you will undertake a research project in some aspect of environmental science. The project is supervised by an academic member of staff with specific expertise in the area and the project runs over both semesters.

Career Opportunities

Careers open to you with a degree in Environmental Science include:

- Environmental Officer
- Environmental Laboratory Scientist
- Environmental Consultant
- Environmental Auditor
- Water Conservation Officer
- Water Quality Scientist
- Waste Management Technical Officer
- Environmental Health & Safety (EHS) Officer

Environmental Science graduates are readily employed in a broad range of sectors, such as:

- Chemical, Biotechnological and Medical Devices industries
- Energy generation
- Electronics manufacture
- Environmental Protection industries
- Transport Sector
- Construction / Mining industries
- Environmental Consultancy companies
- Local Authorities
- Environmental Protection Agency

Follow-On Study

A number of graduates have gone on to pursue taught MSc programmes in key areas such as Geographic Information Systems (GIS), environmental engineering, environmental impact assessment (EIA) and clean technology. Other graduates have also pursued MSc/ PhD by research at the University of Limerick and also at other international centres of research excellence including the Universities of Copenhagen, Mississippi State in the US, Monash in Australia and Waterloo in Canada.



Student Profile

Peter Shone

I decided to come to UL because of all the facilities, particularly the 50m pool, where I instantly joined the swimming and water polo club and have competed for the university at many levels.

The Environmental Science course gives an insight into the quality of the environment and what we can do to make improvements for the benefit of the world. This course would be ideal if you are the type of person who enjoys science and interacting with nature - we study a number of subjects that involve taking samples from the air and rivers. In the first two years, we covered a lot of biology and chemistry. In years 3 and 4, we moved more towards the technology that can be used to help improve the quality of the environment around us. In third year, we also did an 8 month work placement that really gives you an idea of what it will be like to work in this area after you graduate.

On my co-op placement I learnt the importance of project management and working towards deadlines, as well as having the benefit of working on a multi-skilled team to achieve specific tasks. I felt that this experience has helped prepare me for the world of work and so has increased my employability. So, if you enjoy science, nature and have a view on helping to make the world a better place to live in, then this is the course for you!

Key Fact

What makes Environmental Science at the University of Limerick distinctive is its relevance to industry and business, through a focus on environmental technology, geographical information systems, environmental management and health & safety in the workplace.

Entry route to this degree at UL is via LM123 Biological and Chemical Sciences Common Entry or via LM066 BSc Environmental Science direct entry.

Bioscience (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Dr. Elizabeth Ryan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Bioscience

Course description



Want to know more? Go to:
www.ul.ie/courses/LM123.html

About You

Are you interested in Science? Are you interested in the ways which a body protects itself against infection? How microbes impact both positively and negatively on health? Would you like to find out more about the internal workings of cells – how they are built, communicate and divide? Are you interested in using this knowledge to develop new strategies for new medicines? If so, the Biosciences degree at UL might be for you.

Why study Bioscience at UL?

The Bioscience degree merges studies of cell biology, molecular biology, and immunology with a focus on molecular medicine. Ireland is one of the leading international locations for the Life Science industry, which spans biopharmaceuticals, diagnostics, medical devices and biotechnology and the degree is designed to align with these areas. The course includes specialist guest lectures by members of the external BioPharma community giving the students a state-of-the-art insight into this exciting field.

Entry route to this BSc Bioscience degree at UL is via LM123 Biological and Chemical Sciences Common Entry.

What you will study

Having studied a broad common first semester, students will undertake specific modules in the area of chemistry, biology, maths and physics. Subsequently, the Bioscience programme will provide you with a strong foundation in the understanding of biochemical systems and microbial technology. With tailored contributions from industry speakers, the degree specific modules will instruct students on host-microbe interactions, immunobiology, new therapeutic approaches, cell biology & cancer, and advance molecular biology – 'omics' & bioinformatics.

Core modules include:

- **Microbiology and immunology** – an introduction to the components of microorganisms and the host immune systems and how they interact.
- **Cell communication and regulation**
– covers basic cell structure, the principles of the cell cycle and cell division, the control of living processes by genetic mechanisms, and cell communication systems.
- **Cell and molecular biology of the immune system** – examines the principles of self and non-self-recognition and how these mechanisms are involved in immunity and how aberrant self-regulation contributes to allergy and autoimmunity.
- **Current trends in biotechnology and regenerative medicine** – presents concepts such as 'cell-on-a-chip' technologies, tissue regeneration, new medicines, and new molecular analysis techniques.
- **Pharmacology and drug development**
– presents the biology behind drug target choice, drug screening techniques and the different classes of drugs, including protein based drugs.
- **Cancer mechanisms, therapeutics and molecular medicine** – examines cell cycle controls in relation to cancer biology, and use of modern molecular technologies in targeting cancer and other diseases.
- **Advanced cell and molecular biology** – examines cellular structures (organelles, cytoskeleton, molecular motors), key cellular processes (trafficking, motility, apoptosis), systems biology of organisms and extracting meaningful data from large data sets.
- **Host microbe interactions** – presents the key strategies microbes use to establish both beneficial and non-beneficial interactions with the host and the impact of these on health.

The course includes significant laboratory based training and an independent research project. In addition the student will be placed in industry for eight months, giving real-world experience and an introduction to the BioPharma/industrial community.

Career Opportunities

Bioscience is extremely important to Ireland's economy and its future growth. Graduates of the programme will be well positioned to gain employment in Ireland's rapidly growing high tech Life Science industry or pursue further study in fields such as molecular biology, cell biology, microbiology or immunology.

Follow-On Study

The degree would provide an excellent foundation for students considering application to graduate entry medical school or to a post-graduate career in Bioscience/Life Sciences area.



Key Fact

This Bioscience degree will provide you with a strong foundation in the understanding of biochemical systems and microbial technology.

Entry route to BSc Bioscience at UL is via LM123 Biological and Chemical Sciences Common Entry.

Biomedical Science (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Professor Pat Kiely

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

About You

Are you interested in Biomedical Science and human health? Do you have an interest in Anatomy, Physiology and Cell Biology? Are you interested in the ways by which we diagnose disease, design approaches to intervene in disease and monitor patient treatments? If so, then Biomedical Science might be the right course for you.

Why study Biomedical Science at UL?

This course responds to increasing demands nationally and internationally to produce Science graduates with strong expertise in Biomedical Science for the Health area and the Life Science industry. These areas are extremely important to Ireland's economy and Ireland's healthcare system and the future growth of both of these sectors. Graduates of the programme will be well positioned to gain an understanding of the importance of partnerships with healthcare professionals and gain employment in areas that design novel approaches in the diagnosis of disease and treatment of patients. The students will have opportunities to visit hospital laboratories and interact with healthcare professionals through lectures and introductory clinical skills laboratory sessions.

How do I choose the Biomedical Science route?

Biomedical Science will be available as an option to students who have chosen the Bioscience route after entry through LM123. After successful completion of Year 3 of Bioscience, students will have the option to transfer to the School of Medicine for the 4th and final year of their undergraduate degree. After successful completion of all modules, students will graduate with a BSc in Biomedical Science from the School of Medicine.

What you will study

By entering through LM123, you will study a broad common first semester and will undertake specific modules in the area of chemistry, biology, maths and physics. Subsequently, the second and third year of the Bioscience programme will provide you with a strong foundation in the understanding of biochemical systems and microbial technology. The tailored 4th year

Biomedical Science route will provide you with fundamental knowledge that will help you to gain an understanding of the importance of working partnerships between scientists and healthcare professionals, allowing you to pursue a successful career in the area of Biomedical Science.

Core fourth year modules include:

- **Mammalian Tissue Architecture, Structure and Function** - basic histological techniques that allow the examination of cell and tissue architecture for the major organs and systems. This module integrates the principles of physiology and anatomy with histological structures while focusing on the participation of the extracellular matrix, tissue, cell and sub-cellular organelle organisation and architecture to health, as well as examining how dysregulation of these features contribute to autoimmune and inflammatory disorders.
- **Clinical Medicine and Clinical Skills**
- an introduction to a range of clinical skills, clinical examination and basic procedures encountered commonly in clinical medicine. This module is designed to give students an understanding of the basic functions of some of the major systems of the body and understand the assessment, monitoring and clinical relevance of these functions.
- **Diagnostic Techniques and Practices**
- presenting an overview of how hospital diagnostic labs impact on diagnosis and disease management.
- **Drug Delivery** - linking the science of drug delivery with the treatment of disease and the practical aspects of patient care. This module provides students with an understanding of how drug delivery systems are used in clinical practice and the challenges associated with drug delivery and drug targeting, while examining the impact of emerging technologies on drug delivery systems.

In the fourth year, Biomedical Science students will also take modules in Cancer Mechanisms, Therapeutics and Molecular Medicine, Advanced Cell and Molecular Biology and Immuno and DNA Techniques. The course also includes significant laboratory based training and an independent research project.

In addition, the Cooperative Education work allows the student to spend time in industry, giving real world experience and an introduction to the BioPharma/industrial community.

Career Opportunities and Follow-On Study

The students will graduate with a degree in Biomedical Science from the School of Medicine. It is expected that because of the innovative and collaborative learning experiences that the student will receive, they will be well positioned for careers across Biomedical Science and BioPharma, including areas such as disease diagnosis,

disease intervention and treatment monitoring. The graduating students will also be excellent candidates for MSc and PhD programmes in the health sciences area and will be well equipped for application to the graduate entry Bachelor of Medicine Bachelor of Surgery (BMBS) programme at UL and similar programmes nationally and internationally.



Key Fact

Biomedical Science is a unique course, in that it will provide you with the opportunity to gain an understanding of the importance of working partnerships between scientists and healthcare professionals.

Biomedical Science will be available to students who have successfully completed year 3 of the Bioscience course after entry through LM123.

LM124 Mathematics Common Entry

(BSc Mathematical Sciences or BSc Mathematics & Physics or BSc Economics & Mathematics)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

CAO Points 2020: 437

Course Length: 4 Years

Course Director: Dr. Alan Hegarty

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H3

Other: —

- Additional info:
- Mature Pathways
 - QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

You like mathematics and are good at it. You are interested in a career that involves Mathematics, but may also be interested in Physics or Economics.

What you will study

LM124 Mathematics Common Entry is designed to provide you with a gateway to better choice if you're unsure which area you'd like to study. You can avail of a broad common first year which will introduce you to various topics in Mathematics, Physics and Economics. Having gained a better understanding of each subject area, you then choose your preferred pathway to specialise for the remaining 3 years of your degree programme. At UL, you get to try before you decide.

In the first semester, you will study calculus, linear algebra and computer programming and can choose from a selection of other modules, including physics and economics, before deciding whether to pursue a degree in:

- Mathematical Sciences
- Mathematics and Physics; or
- Economics and Mathematics.

Your choice of programme needs to be made before the end of the first semester; there is no restriction on this choice, except that to continue with Mathematics and Physics you must take a physics module in the first semester, and similarly to continue with Economics and Mathematics you must take an economics module in the first semester. It is possible for you to select modules which leave all three options open for the second semester.

Why study Mathematics at UL?

In UL the focus is on applied mathematics, not in the sense of the Leaving Certificate Applied Mathematics syllabus, but rather in the sense of mathematics being used to solve problems that arise in science, engineering, industry, finance or society. Applied mathematical modelling is a philosophy of asking, and trying to understand, how things work. A problem or phenomenon of some sort occurs outside mathematics and mathematics is used to explain, to understand and ideally to improve it.

LM124 Online

The student experience



Want to know more? Go to:
www.ul.ie/courses/LM124.html

LM124 Mathematics is a gateway to a degree.

Choose from:

BSc Mathematical Sciences

BSc Mathematics and Physics

BSc Economics and Mathematics

Your Degree,
Your Choice.

Career Opportunities

The career opportunities will depend primarily on the BSc course chosen by you. Graduates of UL Mathematics courses have successfully developed careers in the following employment areas:

- **Mathematical Sciences:**

Research; teaching; financial services including accounting, lending analysis and investment analysis; data analysis including market research, demographics and medical research; software development; manufacturing including production planning, quality control and research and development of new products.

- **Mathematics and Physics:**

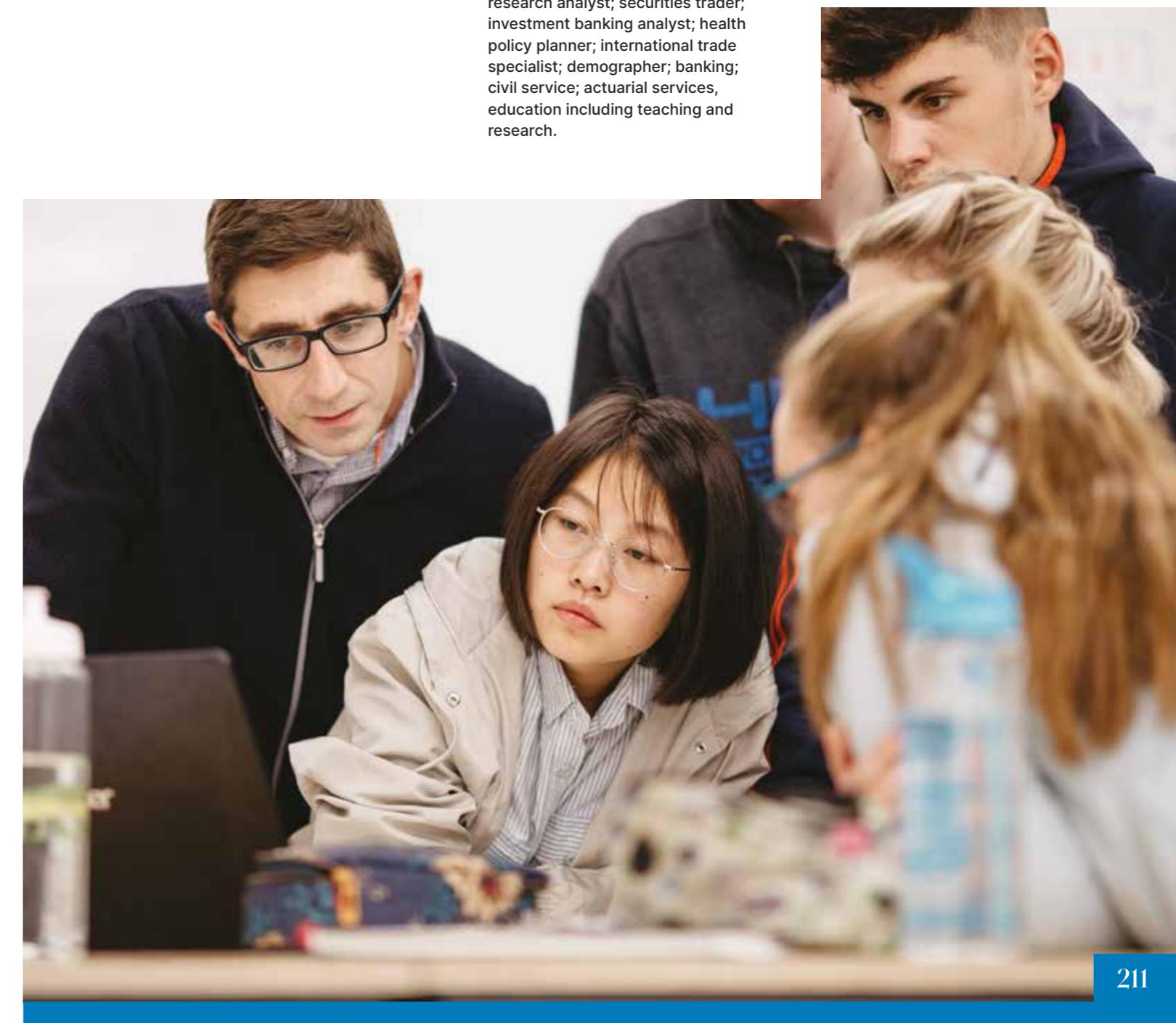
Physicist, meteorologist; patent agent; planetary scientist; acoustical physicist; teacher.

- **Economics and Mathematics:**

Economist; statistician; market research analyst; securities trader; investment banking analyst; health policy planner; international trade specialist; demographer; banking; civil service; actuarial services, education including teaching and research.

Follow-On Study

Graduates of any of these programmes can take a Master's programme, for example the UL Masters in Mathematical Modelling or proceed to a relevant PhD programme.



Mathematical Sciences (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta in Eolaíocht Mhatamaiticiúil

Course Info

Entry Route: LM124 Mathematics Common Entry

Course Director: Dr. Norma Bargary

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Mathematical Sciences

Want to know more? Go to:
www.ul.ie/courses/LM124.html

About You

If you like mathematics and statistics but you aren't totally certain what career you want to pursue, this might be a good course choice for you. Mathematical and statistical skills are highly valued by employers and are easily transferable. Mathematical Sciences, with its three options, is the perfect way to study something you like, while having a chance to think about your eventual career choice.

Why study Mathematical Sciences at UL?

The programme is suited to students with an aptitude for mathematics and statistics who are interested in applying their skills to problem solving in the real world. It is designed to provide a broad training that will allow you to work in any environment that requires strong analytical and problem solving skills. The programme involves an introductory two years, common to all students, when the fundamental mathematical and statistical tools are introduced. After two years, you will have the option of specialising in mathematics, statistics or computing. The programme also provides a theoretical grounding for students who wish to pursue postgraduate studies.

Entry route to BSc Mathematical Sciences at UL is via LM124 Mathematics Common Entry.

What you will study

The programme is full time, of four years in duration. It includes a period of Cooperative Education during the spring and summer of the third year of the course where the skills that you have acquired are applied in an appropriate workplace. The first two years of the course provide a foundation in a broad range of areas including calculus, statistics, linear algebra, discrete mathematics, operations research, mechanics, computer science and mathematical modelling.

There is also an elective pair of modules in the first year in either

- Computer Science or
- Economics or
- Finance/Accounting or
- Physics.

The third and fourth years of the programme give you the opportunity to specialise in one of the following options:

• Mathematics

The mathematics stream is aimed at giving you a rounded appreciation of mathematics and the ability to approach problem solving with a mathematical mind. It develops the analytical skills acquired in the first two years using mathematical modelling of real world problems. Topics covered include linear algebra, fluid mechanics, dynamical systems, mathematical modelling and numerical solution of partial differential equations, perturbation methods and stochastic differential equations.

• Statistics

Statistics deals with the collection, presentation, and analysis of data. Application areas include marketing, product development and testing, finance, economics, sociology, medicine, and the experimental sciences. Topics covered range from the mathematical basis of statistics through to the use of specialised software in the analysis of large, complex sets of data. The courses in this option include data analytics, statistical inference, statistical modelling, experimental design, quality control, time series analysis, stochastic processes and multivariate analysis.

• Computing

The aim of this stream is to develop your understanding of the mathematical foundation of computing and to provide you with practical skills in the development of software systems. The courses in this option include systems analysis, data mining, algorithms, database systems and intelligent systems.

You will undertake a project in your final year that reflects your area of specialisation and, if possible, your Cooperative Education experience.

International Study Opportunities

In Years 2, 3 or 4, students can apply to spend a semester studying abroad at one of our partner institutes worldwide.

Career Opportunities

Graduates of the programme have been in considerable demand by industry, commerce and government to apply their analytical and computing skills in areas such as:

- Data analytics including market research, demographics and medical research
- Financial services including accounting, lending analysis, fraud detection and investment analysis
- Pharmaceutical industry in the development of new drugs
- Manufacturing including production planning, quality control, and research and development of new products
- Sport science
- Teaching
- Software development
- Physical modelling in industry or at a university

Follow-On Study

Recent graduates have undertaken a variety of Masters courses in Ireland and abroad, including the MSc in Mathematical Modelling at UL. Graduates have undertaken doctoral research, including some supported by the MACSI research centre at UL.



Graduate Profile

Colin Howlin

I really enjoyed Maths in school, so I decided to continue with it at University. I visited several campuses before my making my decision on which University to choose. UL had by far the most impressive campus which made the decision easy.

As Principal Researcher at Realizeit, I lead the analytics and research efforts. Realizeit is an adaptive learning company that has created a platform to deliver personalised learning online to students. The platform uses data to figure out what works best for individual students and uses that to personalise and adapt the delivery of learning material.

I work on the development and deployment of the algorithms that are used by the system to personalise the learning experience. This ranges from algorithms that estimate the difficulty of a question to algorithms that automatically detect when a student is bored. I also work with several Universities to help them understand the impact of adaptive learning on how their students learn. My role, as with most in the tech sector, involves problem-solving. The course not only provided me with the foundations in the tools that I would rely on in my career but more importantly, helped me develop my problem-solving skills.

Colm's advice for school leavers:

Study what you think you will enjoy, and you'll set yourself up to have a far more successful and happier career than forcing yourself to study something that is supposed to lead to a good job or career.



Student Profile

Sarah Murphy

I chose UL for this course, but also because I'd never met a UL student who didn't seem to love their time here. For the first two years, you will establish a strong base in mathematics and statistics before specialising in your area of choice. In third year, you start to focus on your chosen specialty and then everyone goes on co-op placement. In your final year, you have the chance to pick a final year project in a topic that interests you.

This course has allowed me to develop essential skills needed to be a mathematician while also giving me the chance to apply them in a working environment. I completed my co-op placement in Analog Devices in Limerick, one of the leading semi-conductor companies in the world. I worked as a part of the New Product Engineering team that specialises in data analytics. My job involved the statistical analysis of data from different stages of testing and gave me the opportunity to apply the skills I had learned in college to the real world. My communication skills, presentation skills and my ability to work effectively as part of a team were vastly improved during my co-op experience.

I think one of the great advantages of studying Mathematical Sciences at UL is that it opens up a broad range of career paths. The course doesn't tie you down to one profession but instead gives you the essential mathematical skills that are in demand in every sector.

Key Fact

This programme is designed to provide a broad mathematical training that will allow you to work in any environment that requires strong analytical and problem solving skills.

Entry route to BSc Mathematical Sciences at UL is via LM124 Mathematics Common Entry.

Mathematics and Physics (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM124 Mathematics

Common Entry

OR Entry Route LM125: Physics

Common Entry

Course Director: Dr. Clifford Nolan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Mathematics and Physics

Course description



Want to know more? Go to:
www.ul.ie/courses/LM124.html

About You

Have you ever wondered...

- Why is the weather so difficult to predict?
- What do stock markets and earthquakes have in common?
- How can matter be a wave on atomic scales?
- How can wave mechanics produce the next generation of computers?
- How do you model the Universe in a computer?
- How does the spreading of a disease explain star formation?

All of these questions share something in common; they can be answered at the interface of mathematics and physics. Understanding both subjects equally allows a unique view of the world that lets you capture and analyse its true complexity in an elegant way; it allows you to explain it, see effects not yet detected nor realized, and even predict how it will behave. You will need to be comfortable with mathematics, and have an innate curiosity as to how the world works. You should also be interested in applying your skills in mathematics and physics to understanding and solving real world problems.

Entry route to BSc Mathematics and Physics at UL is via either LM124 Mathematics Common Entry or LM125 Physics Common Entry.

Why study Mathematics and Physics at UL?

Traditional mathematical physics degrees in Ireland have been narrow in their scope. This course seeks to provide a genuine mixture of the two subjects. In addition to developing core and advanced mathematical skills, training will be provided in fundamental physics spanning mechanics to quantum mechanics, and in state-of-the-art applications of physics such as nanotechnology.

The analytical training and broad physical understanding of challenges likely to be encountered in an industrial setting will prove to be a valuable asset for prospective employers. The applied aspects in particular will ensure that, on graduation, you will be at an advantage in comparison to more traditional

Maths Physics graduates, when seeking employment in the smart economy. In such an economy envisaged by the Government, academic and industrial research will be closely coupled.

What you will study

You will study a broad common first semester. In the first two years the fundamental aspects of physics and mathematics are established. Physical subjects will include such topics as Mechanics, Waves, Light, Thermal Physics, Electromagnetism, and Modern Physics, which spans the scope of current basic understanding in physics. In addition, more applied topics are Optics and Semiconductors which are essential to modern technology.

Mathematical subjects include Calculus, Algebra, Vector Analysis, Ordinary and Partial Differential Equations, Numerical Analysis, Fourier Analysis and Computer Software.

During the spring semester of the third year, a period of cooperative education (placement in industry) provides you with practical experience in a relevant work environment. This is organised by the University's Cooperative Education Department in collaboration with representatives from various industries, both in Ireland and abroad. Students are interviewed by company representatives. On selection, they are offered full-time employment during the Cooperative Education period and are paid at a competitive rate.

The remainder of the modules taken during third and fourth year offer a more in-depth view of both mathematics and physics. The offered modules include: Quantum Mechanics, Solid State Physics, Atomic, Molecular and Laser Physics, Nanotechnology, Numerical Solution of Partial Differential Equations and Mathematics of Natural Phenomena. These more advanced subjects will prepare you for both an industrial career and also for a career in research and development.

During the final year, a project is undertaken that allows you to analyse a particular problem in depth. This also gives students interested in postgraduate research an opportunity to carry out an exploratory investigation of a potential research topic.

Career Opportunities

Recent graduates of this programme are working as.....

- Data Scientist
- Machine Learning Engineer
- Silicon Development Engineer
- Financial Services Analyst
- Teacher
- Medical Physicist
- Cyber Security Analyst

Other careers open to you with a degree in Mathematics and Physics include:

- Lecturer
- Physicist
- Meteorologist
- Patent Agent
- Planetary Scientist
- Acoustical Physicist

As more and more of the world's leading technical and finance companies locate in Ireland, graduates with the skills provided by the B.Sc. in Mathematics and Physics are needed now more than ever. Examples include companies such as Havok who build the physics engines that power video games and special effects.

Another example is the financial services industry where physics underlies much of financial modelling. The combined mathematical and physics content will train students to have analytical minds, to develop logical problem solving abilities, and will give you the ability to apply this knowledge. Employers value these assets highly and often hire mathematicians and physicists even though their specific training might not be directly relevant to the job on offer.

Follow-On Study

Recent graduates have undertaken a variety of Masters and Doctoral degree courses both in Ireland and abroad. At the Masters level, these include the MSc in Mathematical Modelling at UL. At the Doctoral level, graduates have opted for PhD degrees both at UL (supported by MACSI and CONFIRM) as well as internationally.



Graduate Profile

Michael Keyes

For me, the choice to study Maths and Physics at UL was easy to make. I had always wanted to go to UL, and Maths and Physics had been my favourite subjects in school. The course seemed like a natural fit to my desire to learn about how the universe works, while employing rigorous analytical and numerical techniques.

I am involved in the design and testing of high-performance, low-noise single-photon-detecting sensors. The activities that this entails vary from day to day. I spend some days solving equations and running simulations to predict device performance or explain phenomena. Other days are spent on the implementation of these findings, by defining process conditions and ordering wafers from the foundry. Some weeks later, I analyse wafer-level test results and define packaging plans for the different devices on the wafers. Finally, some days, when we actually receive the resulting devices, I go into the lab and test them. Of course I don't do it all on my own – there's a lot of chatting and discussion involved to make sure we all agree on the best course of action!

I feel that my course prepared me very well for my career. Studying subjects like Optics, Thermodynamics and Solid State Physics has given me an understanding of the various physical phenomena at play in my models. My Maths subjects have likewise given me a good understanding of the equations and numerical techniques used in my simulations. Sometimes I apply my knowledge of Maths to develop ad hoc algorithms to help me.

My only advice to school leavers is to pick a course that you really think will suit you, rather than what people around you might think you "should" be doing."

Key Fact

This degree will provide training in analytical and computational methods for the formulation and solution of fundamental and applied physical problems.

Entry route to BSc Mathematics and Physics at UL is via either LM124 Mathematics Common Entry or LM125 Physics Common Entry.

Economics & Mathematics (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM124 Mathematics Common Entry

Course Director: Dr. Helen Purtill

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Economics and Mathematics

Want to know more? Go to:
www.ul.ie/courses/LM124.html

About You

If you like mathematics and economics, and like to question what underlies the physical and economic world around you, then this may well be the course for you. By the end of this course you will be able to understand and apply various mathematical and statistical techniques to gain insight into the physical and economic world around us. Entry route to Economics and Mathematics at UL is via LM124 Mathematics Common Entry.

Why Study Economics and Mathematics at UL?

With strong applied quantitative skills, employment prospects for graduates of this programme are excellent. In a dynamic learning environment, you will develop high standards of numeracy and key skills in analytical thinking, therefore many diverse career opportunities will be open to you upon graduation.

The aim of this degree is to equip the mathematically competent students with a more specialised focus at the level of mathematical theory and statistical analysis, while simultaneously providing them with an exposure to the principles of economics and its key applications.

Entry route to BSc Economics and Mathematics at UL is via LM124 Mathematics Common Entry.

What you will study

The course is full time over four years. In the first half of the programme, students are introduced to the principles of macro - and microeconomics, calculus, and statistics. The final two years of the programme concentrate on the development of skills in mathematical modelling, statistical analysis and econometrics and their application to a range of problems in economics. The second semester of Year 3 is spent on a Cooperative Education placement. You will gain experience in a working environment which requires the skills that you will have developed during your studies.

To find out more, go to www.maths.ul.ie

International Study Opportunities

In Years 2, 3 or 4, students can apply to spend a semester studying abroad at one of our partner institutes worldwide.

Career Opportunities

Careers open to you with a degree in Economics & Mathematics include;

- Economist
- Financial Analyst
- Data Scientist
- Market Research Analyst
- Securities Trader
- Investment Banking Analyst
- Health Policy Planner
- International trade specialist
- Demographer
- Banking
- Education (incl. teaching and research)
- Civil Service
- Actuarial services

Follow-On Study

Recent graduates have undertaken a variety of Masters courses in Ireland and abroad, including the MSc in Mathematical Modelling at UL, and MSc in Computational Finance at UL. Graduates have undertaken doctoral research, including some supported by the MACSI research centre at UL.



Student Profile

Karen O'Sullivan

This course is ideally split almost 50-50 between maths and economics. In this way, both subjects are developed at the same pace - being able to relate each to the other is a huge bonus.

What I enjoy most about the course is the range of teaching methods used. Very few modules are purely taught on the white board, or only taught through programming. Across both economics and maths, lecturers introduce the theory and then implement the theory through statistical programs. Because of this, I am well versed in around 5 different programming packages, which looks very well on my CV.

I was on Co-Op placement in the world's largest aircraft lessor, GE Capital Aviation Services (GECAS) in Shannon, Co. Clare. I never thought that the aviation industry was applicable to my degree, but that is the beauty of a joint degree with diverse subjects.

I was part of the finance team for aircraft engine leasing. My role involved working with the worldwide engine team, updating monthly industry-demand reports based off real-world engine data, and issuing reports.

Having industry experience like UL's Co-Op placement is invaluable in the jobs market and is a great CV booster. It is highly attractive to employers and gives you an edge when it comes to graduate employment. Co-Op provides a great understanding of the professional workplace and really embellishes the fantastic degree that you will get in UL.



Key Fact

Recent graduates have undertaken a variety of Masters courses in Ireland and abroad, including the MSc in Mathematical Modelling at UL, and MSc in Computational Finance at UL. Graduates have undertaken doctoral research, including some supported by the MACSI research centre at UL.

LM125 Physics Common Entry

(BSc Applied Physics or BSc Mathematics & Physics)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsilír Eolaíochta i Fisic

Course Info

CAO Points 2020: 404

Course Length: 4 Years

Course Director: Dr. Ian Clancy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Science: H4 in any one of the following: Applied Mathematics, Chemistry, Engineering, Physics, Physics with Chemistry.

Additional info:

- Mature Pathways
- QQI Pathway

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Do you ever wonder:

- How did the universe begin?
- How does the sun keep shining?
- How can we store so much information on something as small as a microSD card?
- How does your mobile device know when to change the orientation of the screen depending on how you hold it?
- How can computer games look so realistic?
- How is the weather so unpredictable more than a few days into the future?
- How can we create technological solutions to address problems like global climate change and the need for renewable energies?
- How can we form images down to the scale of individual atoms?

If these questions interest you and you want flexibility in choosing a career then studying Physics at UL is your best choice.

Why study Physics at UL?

Physics is the study of matter and energy and their interaction: so it is the study of everything in the physical world. In order to learn about nature it is necessary to understand the language that she speaks in. This language is mathematics. A physicist uses the tools of experiment and mathematics to uncover the relationships found in nature as Physics. Physicists get to ask the big questions and their work

enables them to form answers. Physics describes the Universe from the very largest size (of the Universe itself) to the very small sizes of atoms and even subatomic particles. By asking and answering these big questions rather than simply observing nature, physicists can use the knowledge gained to control natural phenomena in the form of technology.

Albert Einstein's development of General Relativity in the early 20th century was initially used to describe gravity around large celestial bodies such as the Sun, galaxies or even black holes. Einstein's theory has found modern-day application in the Global Positioning System (GPS) that many of us regularly use to navigate our journeys. Without Einstein's theory, and the physicists who understood it, GPS would simply not have worked.

Quantum Mechanics was developed by physicists to describe the smallest of objects; atoms and subatomic particles. Physicists then identified how to control the flow of electrons in matter. This work has led directly to the development of modern digital computers. When you use your computer/mobile device you are using the technologies initially developed by physicists.

The examples described above involved developing a theory in Physics from conception through to a technological application. Physicists are part of this process at every step from theory to

application. This flexibility for physicists in the workplace is one of the strengths of a Physics degree. A Physics degree imparts knowledge of the physical world, along with strong mathematical and problem-solving skills.

Physicists also have a broad knowledge of subjects that other disciplines would find difficult to match including Quantum Mechanics, Optics, Thermal Physics, Electromagnetism, Semiconductors, Solid State Physics, and Nanotechnology. The detailed knowledge of these areas ensures that good physics graduates will always be in demand by industry.

Physicists can also undertake research in either industry or academia. Faculty in the Department of Physics are actively involved in research in areas such as

- Flow batteries for large scale energy storage,
- Using light to transmit information rather than electrons in wires (Nanoplasmonics),
- Computational modelling of assemblies comprising millions of atoms to determine properties of various materials,
- Using electron microscopy to determine the structure of nanoscale materials and to investigate novel 2-D materials like graphene,
- Microelectromechanical structures and devices for biomedical applications.

In your final year of study you will undertake a project working on these or other topics alongside and guided by established researchers in the Department.

In summary, Physics is a fascinating subject to study that develops strong mathematical and problem-solving skills with a deep understanding of topics that are of particular relevance to new and developing technologies in both research and industry.

What you will study

In the first semester you will study topics in physics including mechanics, heat, electricity, magnetism, and methods of measurement. You will also study general chemistry and topics in mathematics including linear algebra and calculus.

Before the end of Semester 1 you will choose whether you wish to study

- BSc Applied Physics or
- BSc Mathematics and Physics.

The major distinction between these two programmes is that Applied Physics includes physical chemistry and electronics, subjects that the Mathematics and Physics programme omits in favour of developing stronger mathematical skills.

To find out more go to www.ul.ie/courses/LM125.html

Career Opportunities

Physics graduates work in jobs such as:

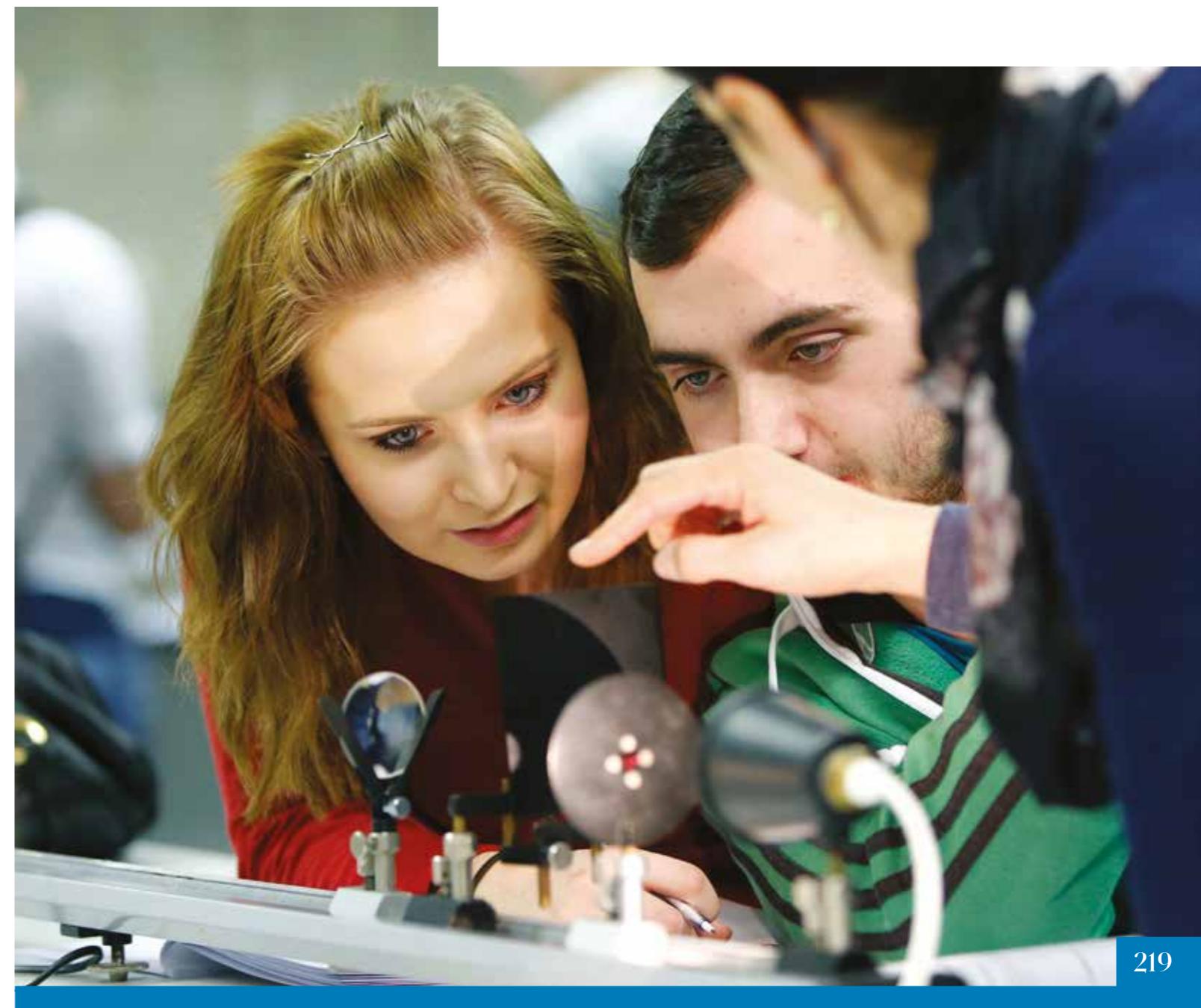
- Research and Development Engineer
- Process Engineer
- Researcher
- Medical Physicist
- Consultant/Analyst
- Software developer

LM125 Physics is a gateway to a degree in:

BSc Applied Physics

BSc Mathematics and Physics

Your Degree, Your Choice.



Applied Physics (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Baitsiléir Eolaíochta i bhFisic Fheidhmeach

Course Info

Entry Route: LM125 Physics Common Entry

Course Director: Robert Lynch

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Applied Physics

Course description

Want to know more? Go to:



www.ul.ie/courses/LM125.html

About You

Are you the type of person who enjoys understanding the details of how current technologies work? Would you like to use this understanding to develop new technologies and applications? Do you want to have flexibility in choosing your career? If so, this programme might suit you.

Why study Applied Physics

at UL?

In short, the top reasons for studying applied physics at UL are:

- 1. A pragmatic balance between fundamental and applied aspects of physics.
- 2. Strong emphasis on problem-solving skills making graduates highly desirable as employees in industry, academia and research.
- 3. Strong engagement in research ensuring that graduates are up to date with the latest developments in applied physics.
- 4. Outstanding links with local industry for cooperative placement, collaborative research and employment.
- 5. A friendly, collaborative, and highly collegial environment that stimulates innovative thinking and promotes the highest standard of accomplishment in tackling challenges.

The UL link with industry is one of the strongest in Ireland. With both directly funded and state-sponsored active collaborative research, the Department of Physics at UL is working with companies such as Analog Devices, COOK Medical, Intel, and BorgWarner. In addition to advancing science and developing new products, this engagement also creates employment opportunities for the graduates of the BSc in Applied Physics course. UL's pioneering Cooperative placement programme also ensures that the graduates are engaged with industry from an early stage of their career and can adapt to the high levels of skill and professionalism required in industry.

Faculty members teaching this course are deeply involved in research and are continually generating scientific breakthroughs and next generation

technologies. The Department has an outstanding track record in scientific publications, patents and generation of intellectual property. Examples of scientific advances and technological innovations pioneered in the Department include piezoelectricity in synthetic bone material, infrared nanoscopy, and vanadium redox flow batteries.

What you will study

The programme is four years in duration. You will study a broad common first semester. The first two years provide you with a strong foundation in the following areas:

- Mechanics
- Thermodynamics
- Optics
- Electromagnetism
- Modern Physics
- Experimental Physics
- Chemistry
- Electronics
- Computing
- Mathematics

The third and fourth years of study provide core material in the following areas:

- Quantum Mechanics
- Semiconductors
- Nanotechnology
- Computational Physics
- Medical Instrumentation

An important element of the final year is an Applied Physics project which gives you the opportunity to study a problem

in depth. During the Spring Semester and Summer of third year a period of Cooperative Education gives you experience of the application of Physics in an industrial environment.

To find out more, go to www.ul.ie/physics

Career Opportunities

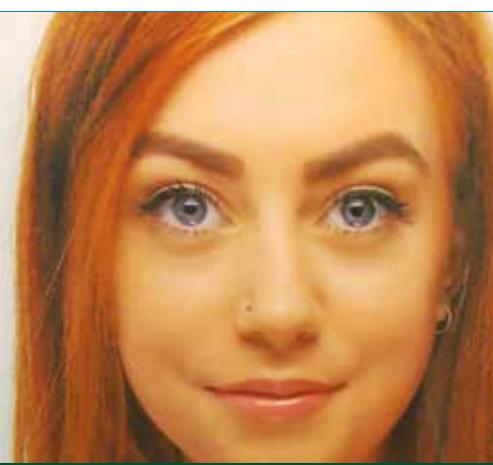
The Applied Physics degree provides flexibility and freedom in choosing a career. Applied physics has an obvious advantage over other physics courses, for example astrophysics, in that our graduates are better positioned to fill lucrative industrial roles.

Many of our graduates are employed by market leaders in the semiconductor industry such as Intel Ireland, Analog devices, and ASML.

Applied Physics is sufficiently broad in scope that our graduates are working throughout the high technology sector in areas including computer software (Google, Avaya), electronics (Molex, Microsemi), enterprise services (Accenture, SAP), and medical devices (Boston Scientific, Medtronic, Johnson & Johnson, and Stryker).

Follow-On Study

Our graduates have a good understanding of mathematics and experimental techniques allowing further study to MSc and PhD levels in various areas of science, engineering, mathematics and even quantitative areas of finance and economics.



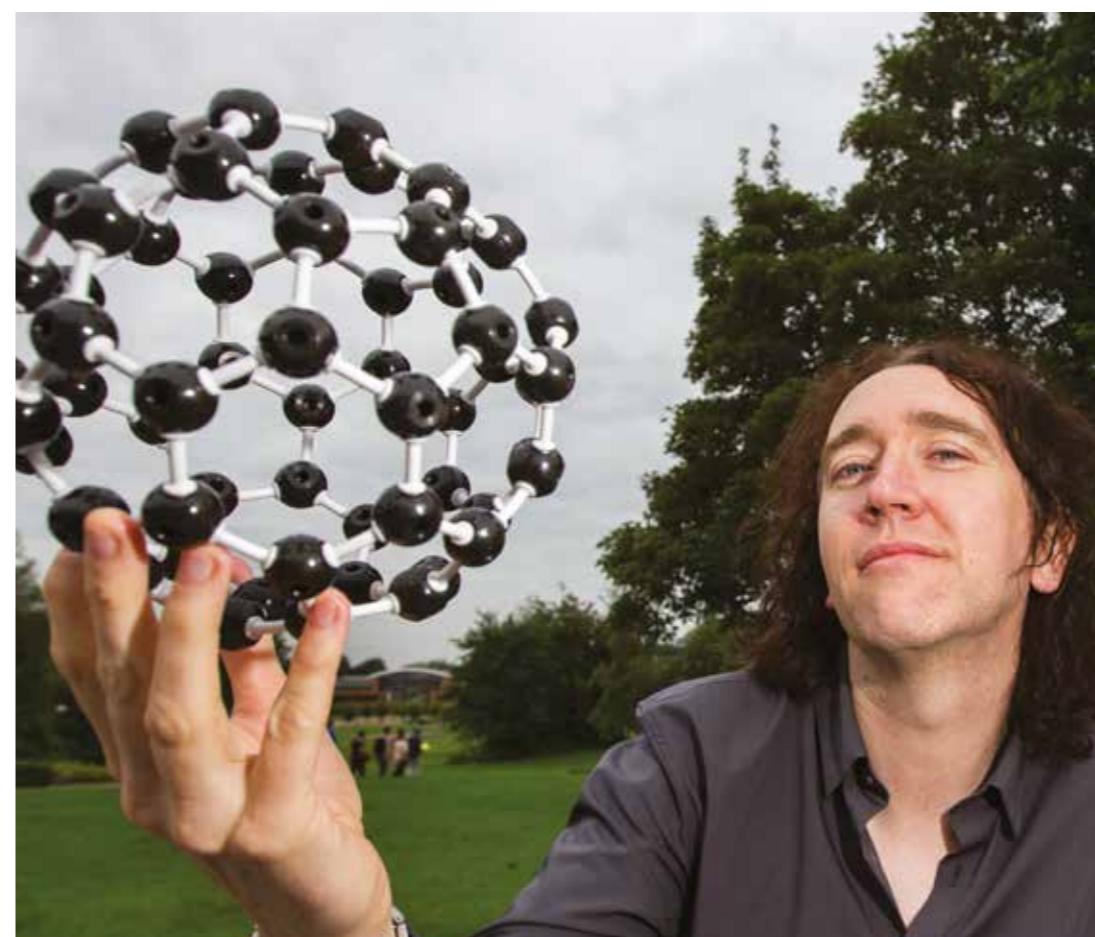
Student Profile

Grace Brennan

I chose the Applied Physics course at UL because it promised to provide a fundamental basis for a variety of topics in physics, while introducing aspects of electronics, chemistry, math, and computing. What separates this course from others is the emphasis on applying the material you learn in class.

This course includes both elective modules and projects, meaning that if you enjoy a particular topic, you can explore it further. For me, I wanted to learn more about nanotechnology, so at the start of fourth year I chose to take a project in this area. My project was based in the MSS1 building, where I used the state-of-the-art microscopes and other characterisation tools to carry out experimentation.

For my Co-Op in third year, I moved to Eindhoven in the Netherlands to work for Philips Healthcare as a data analyst. This was an incredible opportunity; working in the industry helped me to decide on what I want to do after completing my degree. During this time, I was also able to experience another culture and even took time to backpack through Europe. Having a Co-Op placement truly sets you apart from other graduates, both when applying for jobs and for continuing academically.



Key Fact

Physics allows you to understand how things work and to use that understanding to solve real-world problems. It will prepare you as a highly employable problem-solver capable of working in many settings.

Entry route to BSc Applied Physics at UL is via LM125 Physics Common Entry.

Mathematics and Physics (Bachelor of Science)

NFQ Level 8 Major Award Honours Bachelor Degree

Course Info

Entry Route: LM125 Physics Common Entry

OR LM124 Mathematics Common Entry

Course Director: Dr. Clifford Nolan

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BSc Mathematics and Physics

Course description



Want to know more? Go to:
www.ul.ie/courses/LM124.html

About You

Have you ever wondered...

- Why is the weather so difficult to predict?
- What do stock markets and earthquakes have in common?
- How can matter be a wave on atomic scales?
- How can wave mechanics produce the next generation of computers?
- How do you model the Universe in a computer?
- How does the spreading of a disease explain star formation?

All of these questions share something in common; they can be answered at the interface of mathematics and physics. Understanding both subjects equally allows a unique view of the world that lets you capture and analyse its true complexity in an elegant way; it allows you to explain it, see effects not yet detected nor realized, and even predict how it will behave. You will need to be comfortable with mathematics, and have an innate curiosity as to how the world works. You should also be interested in applying your skills in mathematics and physics to understanding and solving real world problems.

Entry route to BSc Mathematics and Physics at UL is via either LM124 Mathematics Common Entry or LM125 Physics Common Entry.

Why study Mathematics and Physics at UL?

Traditional mathematical physics degrees in Ireland have been narrow in their scope. This course seeks to provide a genuine mixture of the two subjects. In addition to developing core and advanced mathematical skills, training will be provided in fundamental physics spanning mechanics to quantum mechanics, and in state-of-the-art applications of physics such as nanotechnology.

The analytical training and broad physical understanding of challenges likely to be encountered in an industrial setting will prove to be a valuable asset for prospective employers. The applied aspects in particular will ensure that, on graduation, you will be at an advantage in comparison to more traditional

Maths Physics graduates, when seeking employment in the smart economy. In such an economy envisaged by the Government, academic and industrial research will be closely coupled.

What you will study

You will study a broad common first semester. In the first two years the fundamental aspects of physics and mathematics are established. Physical subjects will include such topics as Mechanics, Waves, Light, Thermal Physics, Electromagnetism, and Modern Physics, which spans the scope of current basic understanding in physics. In addition, more applied topics are Optics and Semiconductors which are essential to modern technology.

Mathematical subjects include Calculus, Algebra, Vector Analysis, Ordinary and Partial Differential Equations, Numerical Analysis, Fourier Analysis and Computer Software.

During the spring semester of the third year, a period of cooperative education (placement in industry) provides you with practical experience in a relevant work environment. This is organised by the University's Cooperative Education Department in collaboration with representatives from various industries, both in Ireland and abroad. Students are interviewed by company representatives. On selection, they are offered full-time employment during the Cooperative Education period and are paid at a competitive rate.

The remainder of the modules taken during third and fourth year offer a more in-depth view of both mathematics and physics. The offered modules include: Quantum Mechanics, Solid State Physics, Atomic, Molecular and Laser Physics, Nanotechnology, Numerical Solution of Partial Differential Equations and Mathematics of Natural Phenomena. These more advanced subjects will prepare you for both an industrial career and also for a career in research and development.

During the final year, a project is undertaken that allows you to analyse a particular problem in depth. This also gives students interested in postgraduate research an opportunity to carry out an exploratory investigation of a potential research topic.

Career Opportunities

Recent graduates of this programme are working as...

- Data Scientist
- Machine Learning Engineer
- Silicon Development Engineer
- Financial Services Analyst
- Teacher
- Medical Physicist
- Cyber Security Analyst

Other careers open to you with a degree in Mathematics and Physics include:

- Lecturer
- Physicist
- Meteorologist
- Patent Agent
- Planetary Scientist
- Acoustical Physicist

As more and more of the world's leading technical and finance companies locate in Ireland, graduates with the skills provided by the B.Sc. in Mathematics and Physics are needed now more than ever. Examples include companies such as Havok who build the physics engines that power video games and special effects.

Another example is the financial services industry where physics underlies much of financial modelling. The combined mathematical and physics content will train students to have analytical minds, to develop logical problem solving abilities, and will give you the ability to apply this knowledge. Employers value these assets highly and often hire mathematicians and physicists even though their specific training might not be directly relevant to the job on offer.

Follow-On Study

Recent graduates have undertaken a variety of Masters and Doctoral degree courses both in Ireland and abroad. At the Masters level, these include the MSc in Mathematical Modelling at UL. At the Doctoral level, graduates have opted for PhD degrees both at UL (supported by MACSI and CONFIRM) as well as internationally.



Graduate Profile

Michael Keyes

For me, the choice to study Maths and Physics at UL was easy to make. I had always wanted to go to UL, and Maths and Physics had been my favourite subjects in school. The course seemed like a natural fit to my desire to learn about how the universe works, while employing rigorous analytical and numerical techniques.

I am involved in the design and testing of high-performance, low-noise single-photon-detecting sensors. The activities that this entails vary from day to day. I spend some days solving equations and running simulations to predict device performance or explain phenomena. Other days are spent on the implementation of these findings, by defining process conditions and ordering wafers from the foundry. Some weeks later, I analyse wafer-level test results and define packaging plans for the different devices on the wafers. Finally, some days, when we actually receive the resulting devices, I go into the lab and test them. Of course I don't do it all on my own – there's a lot of chatting and discussion involved to make sure we all agree on the best course of action!

I feel that my course prepared me very well for my career. Studying subjects like Optics, Thermodynamics and Solid State Physics has given me an understanding of the various physical phenomena at play in my models. My Maths subjects have likewise given me a good understanding of the equations and numerical techniques used in my simulations. Sometimes I apply my knowledge of Maths to develop ad hoc algorithms to help me.

My only advice to school leavers is to pick a course that you really think will suit you, rather than what people around you might think you "should" be doing.

Key Fact

This degree will provide training in analytical and computational methods for the formulation and solution of fundamental and applied physical problems.

Entry route to BSc Mathematics and Physics at UL is via either LM124 Mathematics Common Entry or LM125 Physics Common Entry.

LM173 Bachelor/Masters of Science in Immersive Software Engineering

NFQ Level 8 Major Award Honours Bachelor Degree/Level 9 Major Award Honours Masters Degree

Baitsiléir/Máistreach Eolaíochta in Innealtóireacht Bogearraí Thumthach

Course Info

CAO Points 2020: New Course

Course Length:

Degree: NFQ Level 8 - 3 years

Masters: NFQ Level 9 - 4 years

Course Director: Professor Tiziana Margaria

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: H4

Other: Portfolio Required

Additional info:

Note: All applicants are required to submit an annotated portfolio of creative work, and a written statement, and may be called for an interview. Details about the portfolio and the submission process will be available online at <https://software-engineering.ie>

Note: Applications from mature students are welcome. Mature applicants must apply through the Central Applications Office (CAO) by 1 February.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

Are you curious, innovative and creative, a self-starter and driven? Do you have a track record of doing and of demonstrating excellence in multiple domains. Are you comfortable in team settings, sharing your expertise and creating solutions with others? Do you aspire to be a future leader, changing society and the way we live? Then you have all the attributes necessary to succeed in Immersive Software Engineering.

Software engineers enjoy incredible careers. They work all over the world, solving important problems. They are well rewarded for it. This could be you.

Why study Immersive Software Engineering (ISE) at UL?

We are offering you a new way to learn computer science through ISE.

The goal of Immersive Software Engineering is to turn curious, creative people like you into top notch problem solvers and software engineers, familiar with concepts, methods and tools, and with about 2 years of experience gained in the field in up to 5 companies.

What you will study

A new era of computer science education

You will get a Master of Science degree in four years, spend over 40 weeks every year learning in a personalized, highly interactive environment, in small groups, with your peers and mentors.

You will spend half of your time in paid placements we call residencies in leading companies who shape the future of their sector. The other half you will spend with brilliant researchers and lecturers at UL.

You learn software engineering by doing it

In your four years at ISE you will complete five paid residencies. Each residency teaches you a suite of concrete skills and gives you the opportunities to practice them. Inside these companies you will be a part of real, professional teams working in their teams, solving real problems as a developer and problem solver. Throughout the degree you will alternate your time between on-campus learning blocks and residencies in partner companies. We think you will learn best on the job, with mentoring from both industry and academia.

Career Opportunities

What will I be able to do once I finish the course?

You could join any company as a software engineer, with the competitive advantage of having already 2 years of working experience in high-calibre organizations like theirs.

You could start your own company. We have partnered with Frontline Ventures and Enterprise Ireland, who provide capital to high potential start-ups and help you access state funds.

You could join the community or government sectors, changing the world as part of a non-governmental organisation, using your knowledge and expertise for societal change.

You could join the research community by doing a doctorate. ISE will prepare you to work and learn in the best research centres and R&D departments. Your MSc year will be an excellent qualification to begin your research journey.



Key Fact

- In Immersive Software Engineering you will get a Masters degree in four years.
- You will spend half of your time in world-leading companies, in a new kind of paid placements we call residencies.
- ISE is the only IT programme in Ireland to incorporate a portfolio submission in its admissions requirements.

Course Info**CAO Points 2020:** New Course**Course Length:**

Degree: NFQ Level 8 - 4 years

Masters: NFQ Level 9 - 5 years

Course Director: Dr. Patrick Healy**Enquiries****Email:** admissions@ul.ie**Tel:** 00 353 61 202015**www.ul.ie/admissions-askus****Entry Requirements****Min requirements:** 2 H5 & 4 O6/H7**English:** O6/H7**2nd language:** O6/H7**Maths:** H3**Other:** —**Additional info:** Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement**About You**

If you have an analytical mind and like problem-solving then this could be the ideal programme for you. The course is an exciting blend of computer science and mathematics that sets you up with skills to take on and solve some of the biggest scientific challenges facing us today.

Why Study Artificial Intelligence and Machine Learning at UL?

Computers have come a long way for being simply "adding machines" and now provide a platform on which Artificial Intelligence and Machine Learning techniques can be at the forefront of helping society solve some of our greatest challenges. From detecting and diagnosing cancers, to digitising (and so, allowing us to search rapidly through) historical archives, through to supporting driverless cars, and designing new medicines to assisting in global pandemics, the possible applications of Artificial Intelligence and Machine Learning are endless. This 4-year bachelors degree, which may be extended to a masters degree in an optional fifth year, will equip you with skills to tackle these challenges, and more.

UL's Artificial Intelligence and Machine Learning degree, **UL . AIML**, is the first of its kind in the country and draws on the expertise of the Computer Science and Information Systems Department built over many years. During your third year you will get the chance to

spend 8 months putting the techniques and skills you have been taught to practical use, as part of an integrated cooperative education (work placement) component. Later in this year you may opt to exit after the fourth year with a bachelors degree or to continue for a fifth year, after which you will have the opportunity to exit with a masters.

Entry to **UL . AIML** is by direct application through the CAO. **UL . AIML** is a 4-year, level-8 honours degree with the option to complete a fifth postgraduate year and exit with MSc. The programme is distinct from the Computer Science Common Entry programme, LM121, and is also independent from UL's Immersive Software Engineering, LM173, programme.

UL . AIML aims to equip graduates with the strong technical foundation that is essential to so many of today's high value-added occupations. A career in research or, indeed, further postgraduate study would be fully within the intended career track of our graduates.

What you will study

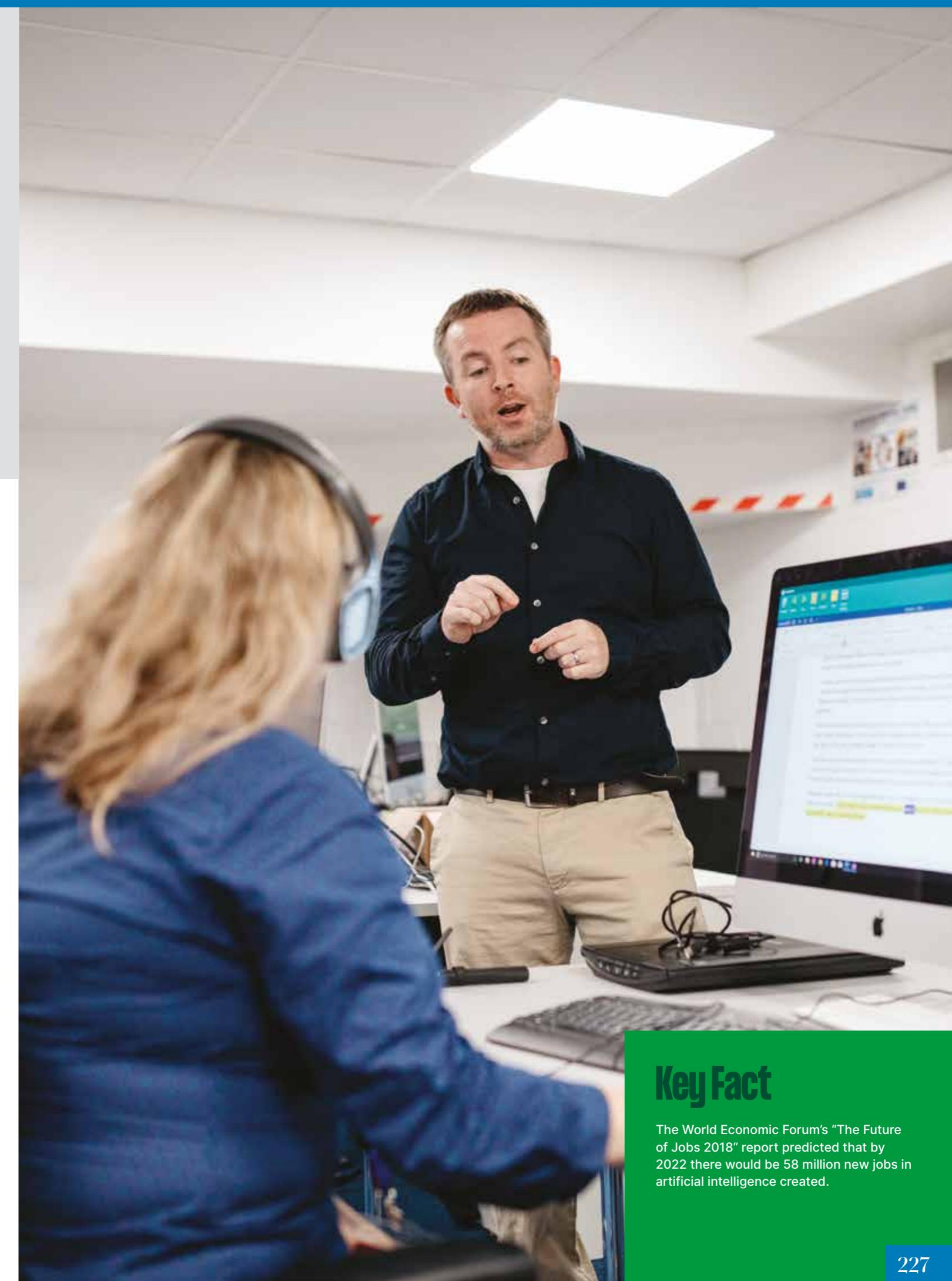
The bachelor of science programme is of four years duration. In the first year the student will undertake an intensive learning programme of computer science fundamentals, programming including an immediate introduction to an AI-appropriate language, and mathematics. In subsequent years the focus on artificial intelligence will

intensify while also including core computer science aspects such as operating systems, data structures and algorithms, database systems, computer graphics.

Data analytics / mining and more specialist topics such as language engineering / translation and cultural aspects of AI are covered in later years. Students who opt to exit after four years with a bachelors degree will complete, in their final year, a year-long Final Year Project that is the culmination of their studies drawing on their skills in research, algorithm or system design, and implementation.

Career Opportunities

- Automotive – development of AI for control/navigation systems (processing of various navigation inputs)
- Healthcare – predictive analytics for healthcare diagnostics (image analysis, etc.), expert systems
- Finance – market analysis, trend prediction/detection, fraud detection/prevention
- Research Scientist - new interventions development
- Games - AI gameplay programmer
- Smart Manufacturing - process automation
- Data Scientist / Analyst - big data processing and analysis
- Software Engineer - computer science practitioner

**Key Fact**

The World Economic Forum's "The Future of Jobs 2018" report predicted that by 2022 there would be 58 million new jobs in artificial intelligence created.

LM180 Certificate/Diploma in Equine Science

NFQ Level 6 Major Award Certificate/Level 7 Major Award Diploma

Teastas/Diplóma in Each-Eolaiocht

Course Info

CAO Points 2020: 337

Course Length:

Cert: NFQ Level 6 - 2 years

Dip: NFQ Level 7 - 3 years

Course Director: Soraya Morscher
(Certificate) Amy Fitzgerald (Diploma)

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 5 O6/H7

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Other: —

Additional info:

- Mature Pathways
- QQI Pathway

Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Note: It is desirable that candidates should have a reasonable level of competency in horse riding and/or have experience of working with horses.

Note: A Special Mathematics (Higher Level) Examination will be offered at UL following the Leaving Certificate results for those students who did not achieve the Mathematics requirement.

About You

The Certificate in Science (Equine Science) and Diploma in Science (Equine Science) programmes often suit people who:

- Enjoy learning about, investigating and understanding the science associated with horses.
- Want to start out on a programme of study where the commitment is initially for only two years.
- May not have the entry requirements necessary for the Bachelor of Science in Equine Science programme.

Why study Certificate or Diploma in Equine Science at UL?

The Certificate and Diploma courses are suitable if you want to achieve academic qualifications before starting work in an area of horse-based or related industries. The courses are designed in response to the economic and cultural importance of the horse based industries in Ireland and abroad and their need for high quality staff. You can graduate after two years with a Certificate level qualification or, you can progress to a Diploma or Degree level qualification. Progression to the Diploma in Science (Equine Science) programme is subject to achieving at least Second Class Honours Grade 2 in the Certificate programme.

The programmes offer a broad base of learning in equine science, equitation and equine related business topics. This three stranded approach provides a strong platform for building a flexible career. In most semesters you will have a choice of modules that allows you to align your studies with your personal interests and ambitions. Students who progress to the Diploma in Science (Equine Science) can choose to follow either a business or equitation specialist route.

What you will study

You will take 5 modules per semester. Strong emphasis is placed on relevance to industry. During your time in the University of Limerick you will be shown a wide range of industry practices and attend lectures by expert industry representatives. Many modules include field based activity or visits to centres of excellence.

In each semester you will take a balance of modules planned to develop both understanding of scientific principles and "hands on" applied work with horses.

In addition you will complete an extended period of cooperative education. Many students rate this part of their studies very highly as an opportunity to take their college learning to an industry context. Cooperative education is considered to be a very beneficial life-learning experience and an opportunity to network and make contacts in the industry either in Ireland or abroad.

Career Opportunities

Careers open to you with a Cert/Diploma in Equine Science include:

- Breeding and producing horses
- Work within the racing industry
- Equestrian leisure, recreation and tourism related activity
- Equestrian related service industries such as insurance, transport, equipment manufacture and supply
- Sales, marketing and public relations
- Administrative roles within industry organisations
- Self employment or work in non-equestrian areas

LM180 Online

The Student Experience



Want to know more? Go to: www.ul.ie/courses/LM180.html



Graduate Profile Orla Driver

The Equine Science Certificate course appealed to me as it offered a variety of subjects across different fields within the Horse Industry, from science to business management. I had worked as an apprentice jockey for a prestigious trainer in the Curragh and travelled to Italy where I managed a small racing yard. On my return to Ireland I applied for the programme at UL.

I enjoyed my time in the University of Limerick immensely. Course leaders and lecturers provided great support and encouragement. I undertook my Cooperative Education placement at Del Mar Racetrack, California and I also spent a season working with mares and foals at Castlehyde Stud. There I got the opportunity to experience the breeding aspect of the industry which we had covered in the practical side of our scientific modules.

On completion of the Certificate and Diploma courses, I was given the opportunity to travel to Coolmore Stud Australia to work with their team. I am currently responsible for the management of the registration department in Castlehyde Stud. I am proud to be working as part of a team with one of Ireland's leading organisations within the breeding industry. The Certificate programme at the University of Limerick provided me with the stepping stones to further my knowledge and experience in this industry in preparation for a rewarding career.

Orla currently works as Registration Manager at Coolmore/Castlehyde Stud in Tipperary.



Key Fact

The Certificate and Diploma courses are suitable if you want to achieve academic qualifications before starting work in an area of horse-based or related industries.

Travel to UL / Useful Contacts



Building Index	No.	Grid
Analog Devices Building	41	E4
Bike Hub	42	D3
Boathouse	27	B3
Cappavilla Student Village	38	F2
Castletroy Park Hotel	3	C6
Computer Science Building	8	D4
Dromroe Student Village	26	D3
East Gate Entrance	2	F5
Engineering Research Building and Millstream Courtyard	12	D3
Foundation Building and University Concert Hall	11	D3
Glucksman Library and Information Services Building	10	D4
Grounds/Maintenance Compound	21	F4
Health Sciences Building	32	E2
Horticultural Unit	25	G3

International Business Centre	7	C4
International Science Centre	5	C5
Irish Chamber Orchestra Building	37	F2
Irish World Academy Building	33	E2
Kathleen Lonsdale Building	17	E4
Robert Schuman Building	6	C4
Kemmy Business School	28	C4
Schrödinger Building	20	E4
Kilmurry Student Village	24	G3
Silver Apples Crèche	9	D4
Languages Building	30	D3
Main University Building	13	D4
Main University Entrance	1	D6
The Living Bridge	31	E3
Materials and Surface Science Institute	18	E4
The Sports Club	23	F4
Thomond Village	39	C1
Tierney Building	29	C3
Troy Student Village	43	C6
University Arena w/ 50 metre Pool	22	F4
Visitors Information Centre	15	D4

By road

From Limerick City

Take the Dublin Road out of the city and travel approx two miles to the Parkway roundabout. Go straight through at this roundabout. At the next roundabout, turn left and follow the signs for the University.

From Dublin/Nenagh approach

From the M7, take exit 28. At the roundabout, take the 3rd exit onto the Dublin Road - R445. At Annacotty roundabout, take 2nd exit onto Dublin Road. At Kilmurry r'about, take 3rd exit onto Plassey Park Road and follow the signs for the University.

From Cork/Kerry

After the Croom exit, take the M7 for Limerick and Dublin. At junction 30, keep right and follow the M7 for Dublin. At junction 29, take the slip road exit for Tipperary and Waterford. Turn left onto the N24 (University is signposted). At the next roundabout, take the 4th exit, following the signposts for UL.

By bus

Local Buses

Local route 304 from Raheen (outside the Mid-Western Regional Hospital) serves Colbert bus/rail station, Sarsfield St., Castletroy and the University.

The 306 route is also an option, with a stop at the Parkway Roundabout and another on the Groody Road which is just a few minutes walk from the University.

Regional Buses

During term time, several private coach operators offer regular bus services from many regional locations throughout the country. Contact the UL Students' Union for more details on coaches from your area.

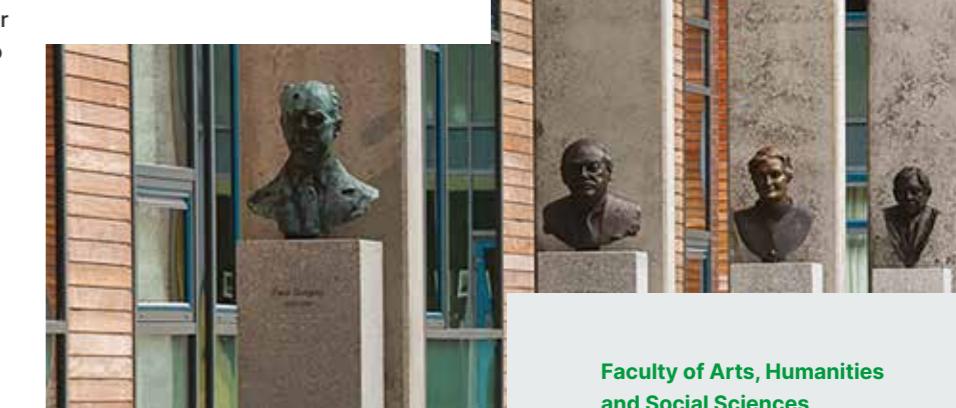
Phone 061-202324
Email adele.ocarroll@ul.ie

By train

Regular rail services connect Limerick with Dublin, Cork, Galway, Tralee and Killarney and (via Dublin) with Belfast, Sligo and Westport. Intermediate points are also served.

By air

Shannon International Airport, located some 16 miles from the University campus, provides direct scheduled air services to Dublin and Belfast, London, Birmingham, Paris, Frankfurt, New York, Washington and Boston. Buses link the airport to Limerick city centre. Taxis are also available from the airport to the campus.



Faculty of Arts, Humanities and Social Sciences

katie.mcauliffe@ul.ie
061-202911

Kemmy Business School

michelle.cunningham@ul.ie
061-202256

Faculty of Education and Health Sciences

lynn.odoherty@ul.ie
061-234392

Faculty of Science and Engineering

siobhan.harris@ul.ie
061-202421

Irish World Academy of Music and Dance

jennifer.debrun@ul.ie
061-202917

Useful Contacts

Main Switchboard

reception@ul.ie
061-202700

Careers Office

careers@ul.ie
061-202476

International Office

international@ul.ie
061-202414

Access Office

access@ul.ie
061-213104

Cooperative Education

www.ul.ie/coop
061-202041

Mature Students' Office

mso@ul.ie
061-202735

Accommodation Office

accommodation@ul.ie
061-202331

Disability Support Services

disabilityservices@ul.ie
061-202346

Students' Union

www.ulsu.ie
061-202324

Admissions Office

admissions@ul.ie
061-202015

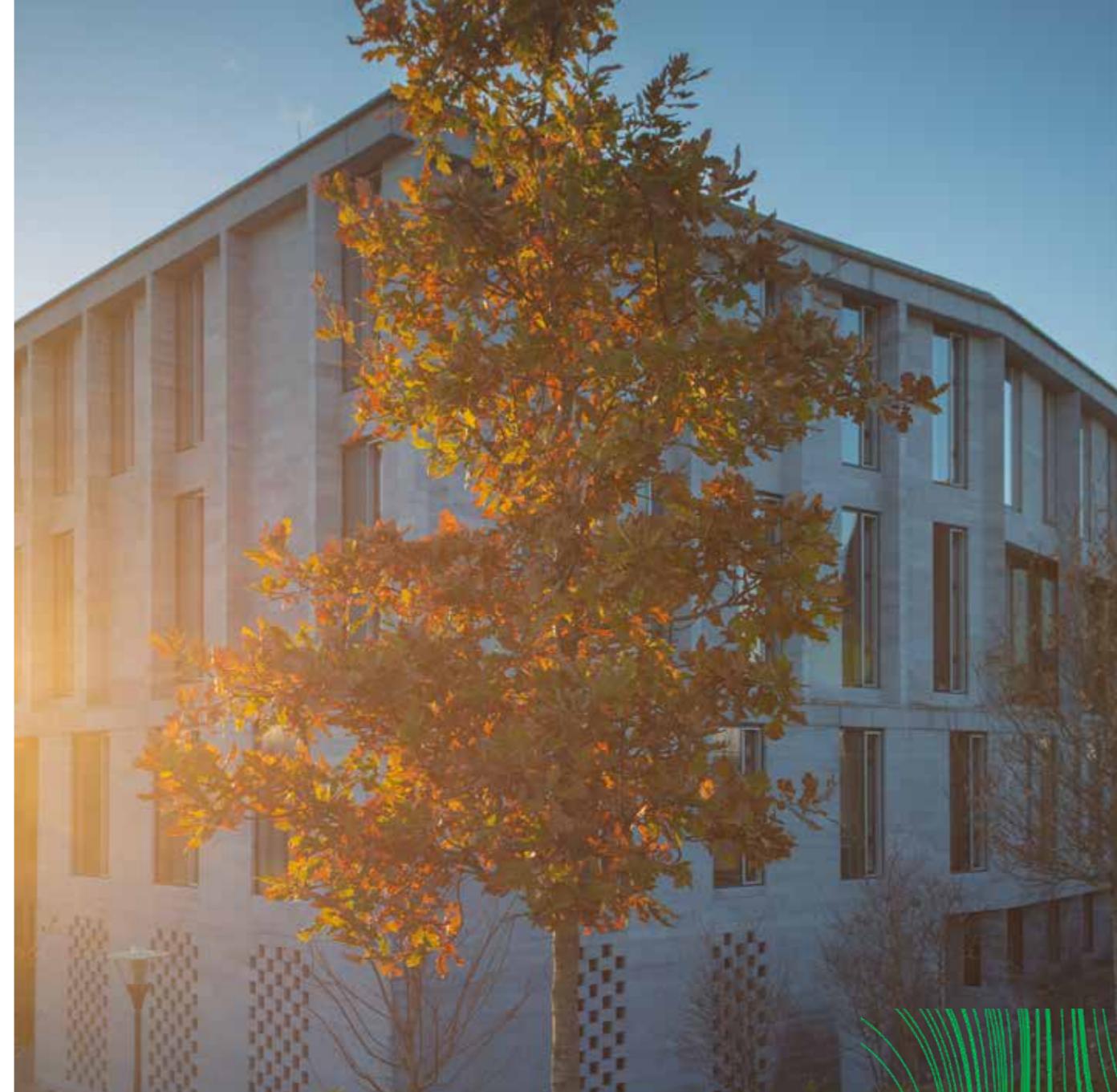
Fees Office

student.fees.office@ul.ie
061-202543

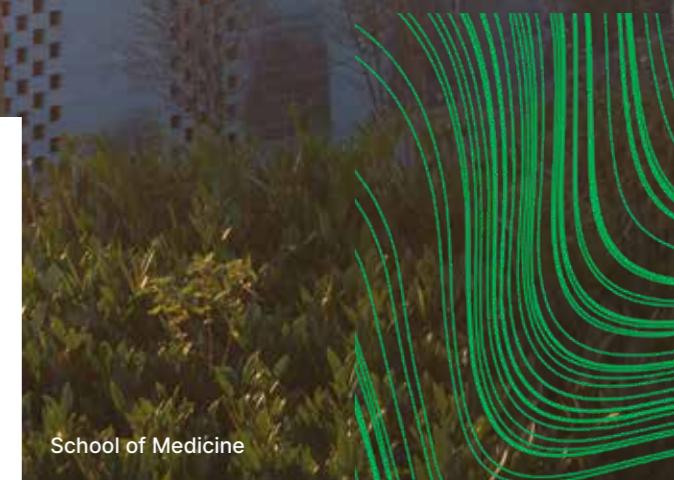
School visits

schoolengagement@ul.ie
061-234776

Notes



UL Sport Climbing Wall





#StudyAtUL

All admission enquiries for undergraduate programmes:

Admissions,
University of Limerick,
Limerick, Ireland Tel: +353-61-202015
 Enquiries: www.ul.ie/admissions-askus
 www.ul.ie/admissions



ul.ie