

2024/25

Undergraduate Prospectus

ul.ie

[#StudyAtUL](https://twitter.com/StudyAtUL)

Home of Firsts



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.

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 Coop 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

www.studyatul.ie

2023/2024

19th and 20th October 2023

20th January 2024

*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 Facilities

Home to one of the largest campus libraries in Ireland.



First for Coop

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

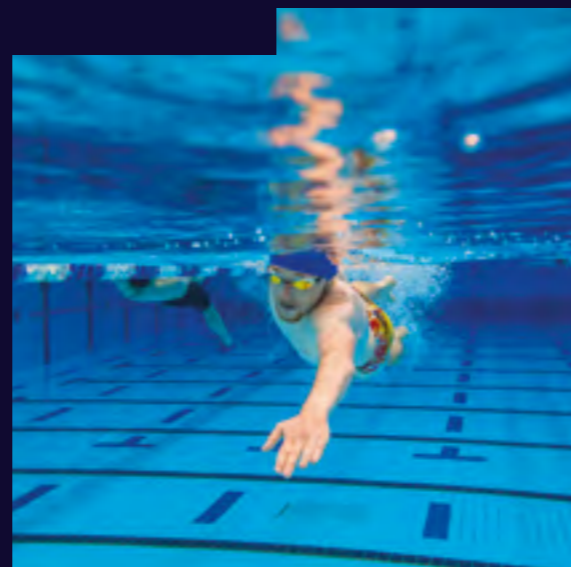
First for Sport

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

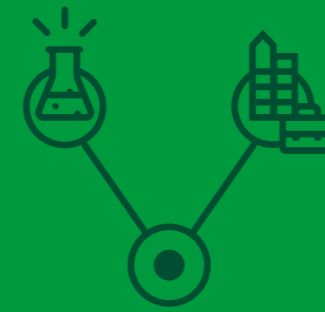


First for Supports

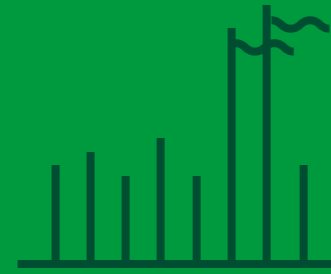
Our First 7 Weeks programme is unique to UL.



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



Best Student Campus in Ireland*



Ireland's sporting campus

*Source: The Irish Education Awards, Best Student Campus Award Winner 2023

New Programmes at UL

- **LM027 Bachelor Of Laws (LLB) In Common And Civil Law**
Please see page 86 for more information
- **LM104 Bachelor of Science in occupational Therapy**
Please see page 130 for more information
- **LM113 Interaction Design**
Please see page 182 for more information
- **LM114 Music Media and Performance Technology**
Please see page 184 for more information
- **LM116 Additional Common Entry programme - BE/ME Digital Mechatronic Engineering**
Please see page 190 for more information
- **LM126 Electrical Engineering**
Please see page 236 for more information

Key Fact

UL has the highest ranking of all third level institutions for Student Experience

(Source: Good University Guide 2022)



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. Cooperative Education 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

First 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 UL Sport Arena boasts a top class indoor sports facility with Gym, Fitness studio, climbing wall, the national 50M swimming pool and a 25M Diving pool. There are 40 acres of outdoor pitches, natural & All Weather. 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

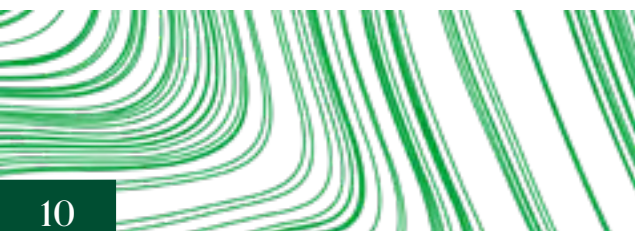
Fantastic amenities, student organisations, campus events, live bands, DJs, comedians, sports facilities, good food and friends....so many reasons to love life at UL! Remember there's life outside the lecture theatre. With almost 60 clubs and societies, there are sure to be one or two which are just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

Limerick – Ireland's Student City

Limerick is the ideal student city with so much to offer. Limerick is Ireland's third-largest city located in the southwest of Ireland. The University of Limerick is easily accessible, situated just 4km east of Limerick city centre.

With nearly 25,000 University students making up a quarter of the city's population and home to 150 nationalities, it is a young and vibrant city. It is the perfect location for your next big adventure.

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

Key Fact

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

Find out more on www.studentliving.ul.ie

Off Campus Accommodation Information

UL Accommodation also has resources to help you source alternative off campus accommodation.

Private accommodation options can be found at studentliving.ul.ie including an up-to-date local student rental property search engine called StudentPad where local homeowners advertise available rooms.

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 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 bedroomed ensuite apartments all with fully equipped kitchen / lounges. Like Thomond Village, this village offers 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. Plassey also offers 4 bedroom houses. 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 2022/23*

Village Residence	Capacity	Rates
Cappavilla Village	500	€6,951 - €7,190 per annum
Thomond Village	500	€6,951 - €7,190 per annum
Dromroe Village	456	€6,888 per annum
Kilmurry Village	525	€5,875 - €6,328 per annum
Plassey Village	424	€5,206 - €5,869 per annum
Troy Village	170	€4,952 - €5,602 per annum
Groody Village	147	€5,804 - €5,914 per annum

Typical rates for off-campus accommodation

Lodging 5 day full board	from €150 per week
Self Catering rental sharing house	from €110 - €140 per week

All rental fees are inclusive of UL Sport membership, internet, cable TV, waste disposal, maintenance service and a specified usage of utilities.

*Rental fees are based on the period from September 2023 - mid May 2024. Rental fees normally increase.

For further information on pricing and booking information please visit our website

www.studentliving.ul.ie

Campus Life Services
Accommodation Service
Plassey Campus Centre CLG
University of Limerick, Ireland
Tel: +353 61 202331
Fax: +353 61 202188
Email: accommodation@ul.ie



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 2024. 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.

UL 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
- Tickets for all Student Life-run events and gigs

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

You can find out more on the Student Life 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](https://www.instagram.com/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 to, 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. 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 80 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 search for UL Wolves Clubs & Societies on Instagram or contact info.clubsandsocieties@ul.ie

See you soon,
Clubs and Societies Team



Student Clubs

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

Student Societies

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



Sabian Kulczynski
(Sport Scholar - Triathlon)

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 Synthetic All Weather flood-lit 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



Róisín Cahill

MSc Physiotherapy

Sport: Kayaking

Biggest achievement: European u23 Champion Ocean Racing

Why did you choose UL?

I did my undergrad in teaching in UL and loved the campus so much, UL was an easy decision!

Why was it the college for you?

The sporting facilities and the support from Lecturers is outstanding - they really understand and promote the student/athlete lifestyle.

What supports are in UL for you and your sport that have helped?

The high performance gym and Olympic size pool have been fantastic. UL is also located close to many waterways suitable for kayak training. I have also been able to race in the nearby Castleconnell area which isn't far from campus. And again, the support from all staff is phenomenal, they really do their best to facilitate reasonable accommodations.

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, Badminton, Volleyball, Indoor Soccer and much more
- Seating for over 1700
- 60m six-lane indoor sprint track
- 225m three-lane suspended jogging track
- Health and Performance Centre
- Fitness Studio for exercise classes, both live & virtual

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.

Conor Coughlan

Bachelor of Science in Sport and Exercise Sciences

Sport: Wheelchair basketball

Biggest achievement: My biggest achievement to date must have been playing in the men's senior European championships in 2019 at the age of 17. Along with winning a u23 European para youth games bronze medal in the same year.

Why did you choose UL?

The main reason I choose UL was because I looked at all the colleges around Ireland to try and find the best fit for me and after doing a bit of research it was clear the UL had by far the best facilities and were very disability friendly and showed great disability awareness and that's the main reason, I knew it was going to be the best fit for me.

What supports are in UL for you and your sport that have helped?

The UL arena is the main spot where I train the most it has 4 unbelievable basketball courts as well as a gym and when your finished training there's also a pool where you can go for a swim to help with recovery. I mainly use the courts as I can try to perfect my shot form as well as getting quicker and more skilful in my chair. Noreen O Connell has also been a great help as she's always there to help me and many other athletes whenever we have questions or need a helping hand with anything.



Mark McDonagh

Bachelor of Business Studies

Sport: Horse Racing

Biggest achievement: Cheltenham Festival Winner

Why did you choose UL?

I choose UL because the campus is perfect for achieving both educational and sporting goals in the one place which helped me focus on such goals.

What supports are in UL for you and your sport that have helped?

The facilities are top class and having access to the gym has improved my fitness and made me a stronger jockey along with the state-of-the-art pool helped a lot with recovery after falls. Studying in UL has helped my sporting career as everyone in UL wants you to achieve the best in your sport and are willing to help in any way along with also helping me reach my educational goals.



UL are the Fitzgibbon Cup 2022 champions, this being their seventh time claiming the title.

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 diving 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.



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.



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 Boathouse

This unique facility is home to the first indoor rowing tank in Ireland and will simulate various weather and water conditions, whilst accommodating up to 8 rowers at a time. If you are a rowing enthusiast, this is the chance of a lifetime to enjoy this fantastic amenity.



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

Group Fitness Classes

Classes at UL Sport include:

- Aqua Aerobics
- Aqua Jogging
- Body Attack
- Body Pump
- Circuits
- Fit for Life
- Les Mills Virtual Classes
- Pilates
- Spinning
- Total Body Workout
- Trak Attack
- TRX
- Yoga



Key Fact

UL has been voted #2 in the world for Sports facilities (Source: iBarometer Student Survey, 2021)

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 & Bronze with a value of up to €10,000. Scholarship holders will benefit from free membership of UL Sport Arena, support in the area of accommodation & registration fees, educational seminars, academic and sports mentoring, strength

& conditioning programmes, compete at the highest level in intervarsity / college sport, high level coaching support, UL Sport Scholarship merchandise, access to world class sports facilities.

We have been awarded Sport Ireland Institute Accreditation for Student Athlete Support (ASAS), which recognises good practice in 'dual career' support for student athletes. ASAS is based on providing equal opportunity to all high-performing student-athletes to combine sport and education and is grounded in the right to education.

Contact

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

Email: sportsscholarships@ul.ie

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.



David Clifford - Electric Ireland GAA Higher Education Rising Star Football Player of the Year 2022 (Sigerson Team, Kerry Football Team)



Student Profile Bryan O'Mara Hurling

I chose UL because of the sporting facilities and the highly regarded degree. A good relationship with the Scholarship coordinators and excellent GAA facilities have greatly assisted me to develop in my sporting field.

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. Denis Murphy is our First Year Support Coordinator. Denis 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: firstyearsupport@ul.ie

First Seven Weeks

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

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

HEALTH & WELLBEING

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

- Mathematics Learning Centre www.mlc.ul.ie
- 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

STUDENTVOLUNTEER.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

Mental Health and Wellbeing

The counselling service at UL is here to support students with a variety of presentations related to mental health and wellbeing. Typical problems that students have include: feeling sad, feeling anxious, loneliness and homesickness, family problems, and worries about their course and exams. The service provides low level mental health supports, including risk assessment, bibliotherapy, online cognitive behavioural support, counselling support, and signposting to specialist or more appropriate services. Where problems are particularly troubling, the service may offer some short-term, on-going counselling, depending upon resources and need.

The Counselling Service is free of charge and provides a daily drop-in time during term time from 10:00-12:00. 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 by emailing counselling@ul.ie or by phoning 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 Support Services

The University of Limerick is an equal opportunities institution and welcomes students whose educational experience has been impacted due to a disability or specific learning difficulty. The Disability Support Services team supports students as they transition to university life and helps them to develop the skills to become independent learners and to fully engage in the third level experience. Some of the supports available through the service are exam accommodations, learning support, access to occupational therapy or a range of assistive technology supports. The DSS team understand how challenging starting university can be and we strongly encourage new students to meet with us and engage with the supports we offer.

The University is part of the DARE (Disability Access Route to Education) entry route. For detailed information on the DARE application process and for the relevant application forms, go <https://accesscollege.ie/> "accesscollege.ie". It is important to note that students can still register and engage with our services even if they are deemed ineligible for DARE, pending evidence being provided. Mature applicants (23 years of age or over) and QQI entrants with disabilities or specific learning difficulties are not considered under the DARE entry route and should contact Disability Support Services to register with our services.

Applicants can contact Disability Services for more information: Tel: 061 234847, or email dare@ul.ie for DARE queries or disabilityservices@ul.ie for general queries.

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.



UL Access Students

Access Office

The Access Office works to promote and support the access and participation of students from groups from socio-economic backgrounds, which are under-represented in Higher Education. The Access Office engages with students and their parents at different stages in the educational life cycle, beginning in schools and communities at the earliest opportunity and facilitating entry pathways to higher education.

The Access Office uses the concept of the Engagement Cycle to inform its policies and everyday practices. The core activities of the Access Office can be viewed through the following phases:

Aspiration: Raising awareness of the possibilities of Higher Education and reducing barriers to entry.

Transitions: Providing clear pathways and flexible entry routes for students to enrol in higher education.

Retention: Ensuring a range of supports are available throughout students' programmes of study to increase the likelihood of completion.

The Access Office supports Access students who enter the University through one of two Access routes:

1. Higher Education Access Route (HEAR) Scheme
2. Access to University Course

1. Higher Education Access Route (HEAR) Scheme

The HEAR scheme is a third level admissions route for school leavers under the age of 23 as of 1st January. This Scheme is run through the College Admissions Office (CAO) system and is open to students from every school in Ireland. Students must be residents of the Republic of Ireland to avail of this scheme.

This scheme reserves places in participating colleges for reduced point entry, therefore, students might not need to meet the CAO points for the course of their choice. Students can also avail of extra college supports as outlined below.

2. Access to University Course (AUC)

The Access to University Course is a full-time 13-week programme for students under 23 years as of 1st January 2024. This Course allows students to progress into their preferred undergraduate degree in September 2024. This course eliminates the point's element of entering into the University.

Criteria

Students must meet the HEAR criteria to be eligible for this course. You do not already need to be eligible for HEAR as you will be assessed through your application to this course. You can apply for this course with either your Irish Leaving Certificate results or your QQI results.

Students applying with their Leaving certificate results must also have the minimum entry requirements for the University of Limerick and the subject specific requirements for the course you are interested in.

Students applying with a QQI certificate must also have the QQI entry requirements for the University and the specific course.

This is a fully online application and you can find more information on our website.

Post-Entry Supports

Access Office staff provide a range of support services including financial, academic and personal support. The Access Office provides the following supports exclusively to our Access students:

- Peer mentoring for our 1st year students
- Student link-in support
- Print-room lecture notes
- Support for students sitting Repeats
- Print credit to use on computers on campus
- Limited number of e-codes for specific modules
- Drop-in service and one-to-one meetings
- Support for students struggling and other issues, which are impacting their educational journey

For further details on any aspect of the Access programmes or to arrange a meeting please contact access@ul.ie or drop into the Access Office in the main building EM-008.



Student Profile

Kacper

My name is Kacper, and I am thrilled to be studying International Business at the University of Limerick. I'm grateful for the Access to University Course as it gave me the tools necessary to make a smooth transition to university life, both socially and academically. Completing the Access Course gave me the opportunity to pursue my interest in International Business with Spanish, a course that I have thoroughly enjoyed. AUC gave me a taste of International Business, and I knew it was the right course for me. One of the best things about this course is the people you meet. From my lecturers and classmates to the staff at the Access Office, everyone has been amazing. The variety of modules available is also a plus, as it allows me to tailor my studies to my interests and career goals.

My time at UL has been filled with standout experiences, but my co-op placement at Langham Hall in Luxembourg was undoubtedly a highlight. As a Fund Accountant, I learned so much about the finance industry and how it varies globally. I was fortunate to work with a group of multinationals from France, Iran, and Bangladesh, and we managed funds for global real estate clients. I've also been active in various clubs and societies during my time at UL. One club that stands out to me is the UL Economics and Investments Society as I gained a deeper understanding of the financial industry, learned about various investment strategies and got to meet like-minded individuals and make new friends.

Overall, I'm grateful for the many opportunities that AUC has offered me, both academically and socially. If you're considering studying at UL, I would encourage you to get involved in extracurricular activities and make the most of your time here. The university truly has something for everyone, and I'm confident that you'll find your place here, just as I did.

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, cúrsaí Gaeilge agus tograí tacaíochta teanga san áireamh. Is féidir le mic léinn lánaimseartha na hOllscoile tabhairt faoin Diplóma 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 Ghaeltachta. Moltar bualadh isteach ar Aonad na Gaeilge (LC0-014) chun a thuilleadh eolais a fháil faoi dheiseanna 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 Diplóma 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:
Ríomhphost / E-mail: ciara.considine@ul.ie
Suíomh idirlín / Website: www.ul.ie/aonadnagaeilge

 /aonadnagaeilge

 @aonadnag

 aonadnagaeilge

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:
Mature Student Office
EM021 and EM008
(Temporary) - 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 ready to be blown away by the incredible impact that student volunteering at UL can have! As the largest student activity, volunteering allows students to become a major force in driving Ireland's agenda towards creating an inclusive and engaged island. UL's student volunteers are renowned for their exceptional character, not only on campus, but also throughout Limerick city and county, and in their hometowns.

Through their voluntary activities, students have raised essential funds that have made a profound impact on supporting local community services. But the benefits of volunteering don't stop there! UL student volunteers have also enhanced their personal resilience, developed work-ready skills, and found a sense of purpose and well-being in society.

The annual President's Volunteer Award ceremony at UL is a testament to the phenomenal work done by student volunteers, and the University of Limerick is the only higher education institution in Ireland that officially recognizes volunteering on the student transcript.

If you're a UL student looking to get involved, the opportunities for volunteering are endless! Whether it's on-campus with clubs and societies or various campus projects like study clubs, community gardens, or UL events, or off-campus with community-based projects such as after-school study clubs, sports clubs, animal shelters, and fundraising, there is something for everyone.

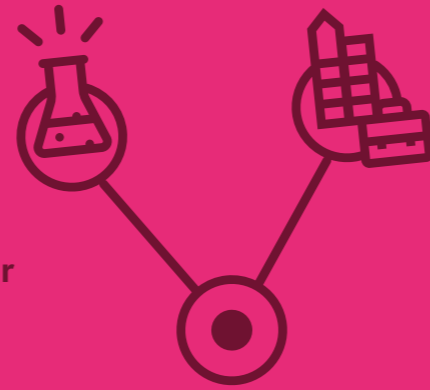
Don't miss out on the chance to boost your student experience and become a part of this incredible movement! To find out more about volunteering opportunities, visit www.studentvolunteer.ie/ul, email pva@ul.ie, or find us on social media at "ULPVA". The Community Liaison Office is always happy to support student volunteers and student-led initiatives, so if you have an idea, don't hesitate to get in touch! Remember, #YouWontRegretIt!

Key Fact

By obtaining a volunteering award, you can distinguish yourself from others and enhance the visibility of your volunteer work on your student transcript.



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 2,500 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



The Cooperative Education and Careers Division has won the 2022 Best University Partnership Award at the recent Global Careers Summit. The international award acknowledges the Division's innovation across its Diversity and Inclusion Employability Programme, with the judging panel highlighting the scale and success of the programme, its multi-partnership model and its deep engagement with industry partners in driving the EDI employability agenda.

Key Fact

UL is ranked in the Top 200 Global Universities for Graduate Employability (Source: QS Graduate Employability Rankings 2022)



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.

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.

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

First for Graduate Earnings: UL Graduates Earn More Than Those from Any Other Irish University, outside Dublin (Source: HEA 2021)

The Glucksman library at UL



The Glucksman Library places UL at the forefront of the digital campus of the future. The innovative and inclusive learning environment provides technology-enhanced spaces that enable creativity, collaboration, and engaged learning.

The library offers 2,200 study spaces, including silent study, collaborative spaces, PC workstations (many with double monitors), and bookable group study rooms. Students can access digitally rich areas such as the data visualisation lab, makerspace with 3D printing facilities, VR studio, media production rooms, and borrow high-end technology and laptops for free.

In addition to the print collections held in the building, the online library is available 24/7, providing thousands of ebooks, ejournals, and databases. Library staff provide expert advice and training via classes, videos, online guides, and the Information Desk. We also have a team of student peer advisors in the library to offer peer support to new students and help ease the transition to University.



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



UL was voted the best university globally for International Office Support (UL Global)

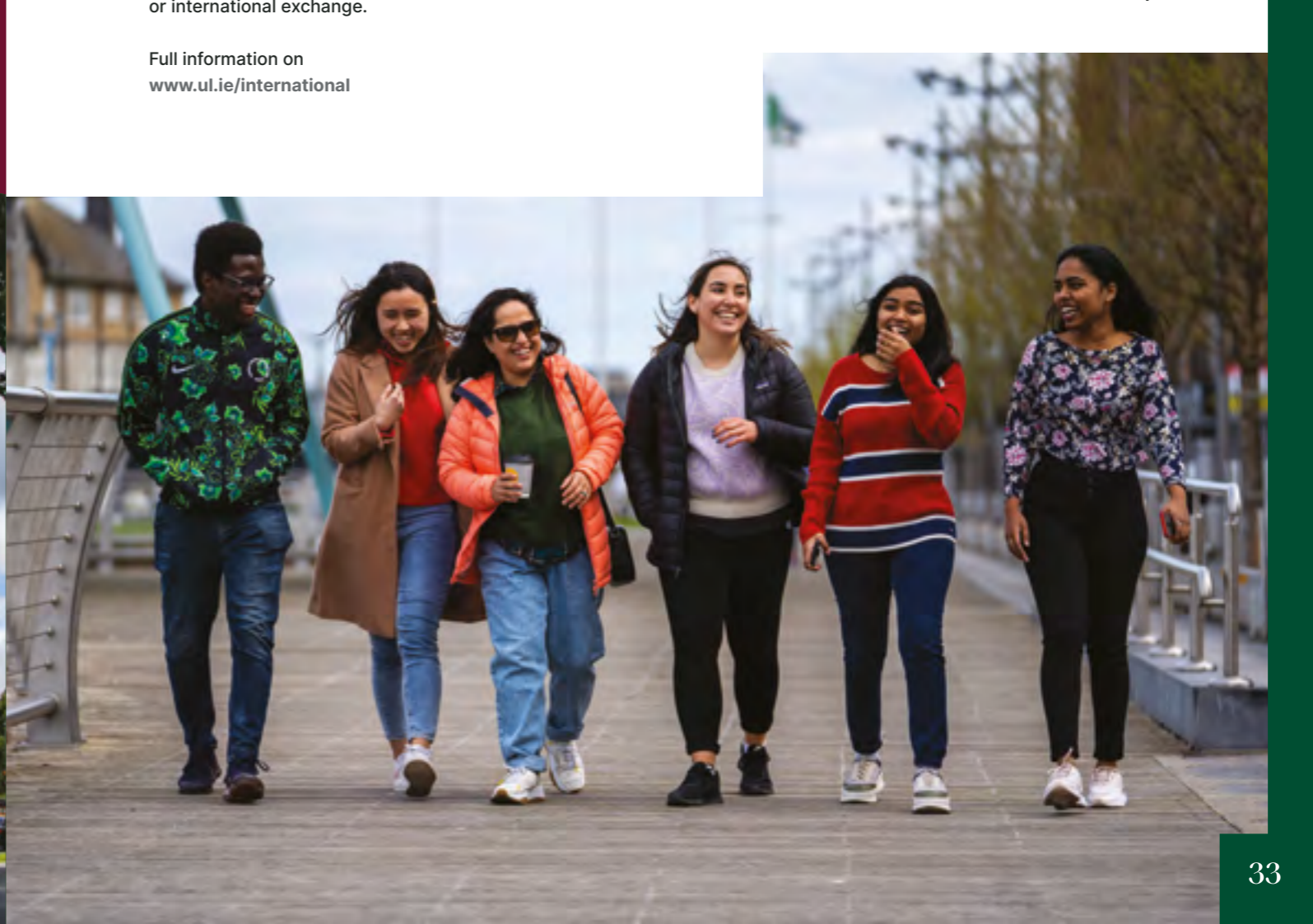


UL was voted No.1 in Ireland for Careers Services



No.2 in the world for Sports Facilities

*International Student Barometer Survey 2021



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.Abroad@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

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



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 Thursday and Friday, 19th and 20th October 2023, 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

Open Days

www.studyatul.ie

2023/2024

19th and 20th October 2023

20th January 2024

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



Science and Engineering Career Information Evening

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.ul.ie/scieng

University of Limerick School of Medicine open evening

The School of Medicine hosts an information day in October each year for the Bachelor of Medicine Bachelor of Surgery (BMBS) programme. This event is your best opportunity to find out more about our four-year medical degree programme which is open to graduates from any discipline. This graduate programme has a highly innovative curriculum that aims to produce doctors who are well equipped to meet the existing and emerging needs of Irish society. Come along and engage with current medical students and find out if this path is for you. The date of this event and further details will be advertised in the local media and on www.ul.ie/medicine

Explore Science and Engineering Summer School

This interactive programme takes place annually, in late June. The programme allows you to explore various elements of science, engineering and design. Particularly suited to Junior Cert, Transition Year and 5th Year students,

the programme outlines possible career 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.ul.ie/scieng

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.

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 2023/24 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 (2023/24: €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 (2023/24: €1,500) and the balance of the Student Services Contribution in January (2023/24: €1,500).

Student Levy

All students in 2023/24 will be liable to pay the Student Levy of €98. 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 2023/24 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 www.si.ul.ie (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 213007
E: student.fees.office@ul.ie
www.ul.ie/finance/student-fees

Students on the Free Fees Initiative in Receipt of a Grant

	Student Levy	Tuition Fees	Student Contribution
Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€98 Student Pays	€2,558 Higher Education Authority Pays	€3,000 SUSI or Local Authority Pays
Education, Science and Engineering Undergraduate Programmes	€98 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	€98 Student Pays	€2,558 Higher Education Authority Pays	€3,000 Student Pays
Education, Science and Engineering Undergraduate Programmes	€98 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	€98 Student Pays	€2,558 Student Pays	€3,000 Student Pays
Education, Science and Engineering Undergraduate Programmes	€98 Student Pays	€4,262 Student Pays	€3,000 Student Pays

Non-EU Students

Business, Arts, Humanities and Social Sciences Undergraduate Programmes	€98 Student Pays	€15,262 Student Pays	
Education, Science and Engineering Undergraduate Programmes	€98 Student Pays	€20,542 Student Pays	

Note: Fees are subject to annual review



UL Scholarships and Awards

→ Access

Cian Cotter Family Undergraduate Scholarships

Funded through the generosity of a UL alumnus, the Cian Cotter Family Undergraduate Scholarships will be awarded to 3 undergraduate first year students who have entered UL through its Access programme in academic year 2022/23. Valued at €20,000 per student, paid over 4 years, the scholarships are awarded as bursaries. Students do not need to apply for these scholarships, as they will be identified based on criteria set out in the Higher Education Access Route (HEAR).

Cian Cotter Family Medical Scholarships

Funded through the generosity of a UL alumnus, the Cian Cotter Family Medical Scholarships will be awarded to 2 first year students enrolled in BM BS Graduate Entry Medical programme who have entered UL through a recognised Irish Access programme. Valued at €17,500 per annum, each scholarship has a total value of €70,000 over 4 years and will be awarded based on criteria set out in the Higher Education Access Route (HEAR).

Hegarty Family Undergraduate Scholarships

Funded through the generosity of a UL alumnus, the Hegarty Family Undergraduate Scholarships will award a one-year bursary to 2 undergraduate first year UL students entering UL through the Access programme. Valued at €5,000 each, the bursaries will be awarded in academic years 2022/23, 2023/24, 2024/25 and 2025/26. Students do not need to apply for these scholarships, as they will be identified based on criteria set out in the Higher Education Access Route (HEAR).

ICON Scholarships

Funded by ICON Clinical Research Ltd., the ICON Scholarships will award bursaries to 6 undergraduate first year UL students entering through UL's Access programme in 2022/23. Valued at €5000 per annum, each scholarship has a total value of €20,000 over 4

years, and will be awarded as a bursary to students enrolled in a number of eligible science and engineering programme. Students do not need to apply, as they will be identified based on criteria set out in the Higher Education Access Route (HEAR).

Unijobs Scholarship

Established to celebrate UL's 50th anniversary, the UniJobs scholarships award one-year bursaries valued at €2,500 each to two 1st year undergraduate students enrolled in either the BBS, BBS with languages, BA International Business or BA Law and Accounting who are part of UL's Access programme. Students do not need to apply for these scholarships, as they will be identified based on criteria set out in the Higher Education Access Route (HEAR).

→ Disability

Hegarty Family Disability Scholarship

Funded through the generosity of a UL alumnus, the Hegarty Family Disability Scholarship will award a 4-year bursary, valued at €5,000 per annum, to an undergraduate first year UL student registered with UL's Disability Support Services. All 1st year students who are enrolled with Disability Support Services will be invited to apply at the beginning of the academic year 2022/23.

→ Sanctuary

Hegarty Family Sanctuary Scholarship

Funded through the generosity of a UL alumnus, the Hegarty Family Sanctuary Scholarship will award a bursary valued at €10,250.00 per annum for 4 years of study. The recipient must be an asylum seeker enrolled with the Sanctuary programme and be a full-time undergraduate student. Students do not need to apply, as all eligible students will automatically be considered for the award.

→ 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.

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.

To apply: www.irishworldacademy.ie

→ Business

KPMG Accountants Prize

KPMG Accountants offer a monetary prize for the top performing BA Law and Accounting student in 2nd Year Auditing and Accounting Frameworks (AC4034) module.

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 2016-2024, 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 are the longest running scholarships at the University of Limerick, having been in existence since 1975. Scholarships worth €10,000 are awarded to students enrolled in science and engineering programmes. Students in the eligible programmes will be contacted and invited to apply.

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/Students/Student-Membership/Student-member-benefits/Awards

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.intel.ie/content/www/ie/en/women-in-technology-scholarship-program-leixlip.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 cooperative education 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 2022/23 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.

Ei Electronics ‘Women in Engineering’ Scholarship

The Ei Electronics Women in Engineering Scholarship was established in order to further promote gender balance within STEM industries.

This scholarship provides ongoing support to the successful student throughout the remainder of their studies, with a total bursary of €7,500 paid in 3 annual instalments of €2,500. Students must have a QCA ≥2.9 in their first semester of 1st year to be eligible to apply. The successful recipient must maintain at least 2.9 QCA for receipt of the scholarship for the remainder of their studies.

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

For further details and application information visit: 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.

→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 second year summer exams and in Law and Accounting after third year 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 Midwifery

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

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
Tel: 061 202603

→Science & Engineering

Coolmore Prize

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

Food Science and Health Academic Achievement Award

This award is made annually to the final year student in the LM068 BSc Food and Health Science course with the highest QCA. The award also includes a cash prize and medal for 2nd, 3rd and 4th places is awarded at the Summer Conferring Ceremony. The award is made by the Department of Biological Sciences.

The George Goberman Memorial Prize for Excellence in Physics

The George Goberman 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: bridget.younge@ul.ie

Kerry Ingredients Prize

This prize is awarded to the students with the best Final Year Project presentation in the LM068 BSc 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 consisting of a medal and 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 to the student with the highest QCA in their final year of study on the BSc in Equine Science. Each trophy is presented annually at the Autumn Conferring Ceremony. For further details contact audrey.ogrady@ul.ie [for Education] or Bridget.Younge@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 2022/23. For more information, contact: Dr Jakki Cooney, Dept. of Biological Sciences at UL. Email: jakki.cooney@ul.ie

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.

BD Scholarships in Science & Engineering

The BD Scholarships in Science & Engineering will be awarded annually to six 4th year undergraduate students who are part of the University of Limerick's Access programme. Valued at €2,000 each, the scholarships will be awarded based on highest QCA at the end of 3rd year to students studying specific courses.

BD Bursaries for Women in STEM

The BD Bursaries for Women in STEM will be awarded to four 1st year female undergraduate students who are part of the University of Limerick's Access programme. Valued at €5,000 each, the scholarships will be awarded to students studying one of the eligible science and engineering courses. Students do not need to apply for these bursaries, as they will be identified based on criteria set out in the Higher Education Access Route (HEAR).

Fiserv "Calling all innovators" Emerging Talent Scholarship

Funded by Fiserv in Nenagh, the Fiserv "Calling all innovators" Emerging Talent Scholarship will be awarded to a 2nd year student enrolled in the BSc in Computer Systems. Students studying the Bachelor of Science in Computer Systems will be invited to apply to Fiserv for the scholarship in the first semester of 2nd year. The successful applicant will receive a one-year award of €5,000.

→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 ULRC 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 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 a 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

J.N Oliver Award

The JN Oliver award is made in recognition of outstanding academic achievement. The award is made annually to the student with the highest QCA in their final year of study on the B.Sc Physical Education Programme. The award is presented annually at the Autumn Conferring Ceremony.

W.G Dugdale Award

The WG Dugdale award is made in recognition of outstanding academic achievement. The award is made annually to the student with the highest QCA in their final year of study on the B.Sc Sport and Exercise Sciences Programme. The award is presented annually at the Autumn Conferring Ceremony.

→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 largest number of any HEI in Ireland, are available to first year undergraduate 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 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 funded through UL Student Capitation and supported by gifts from UL Alumni through the UL Foundation's Alumni Annual Fund Appeal. This scheme is designed to help students who experience short-term financial difficulties. If the student qualifies for assistance, they will receive an interest-free loan or bursary. In the instance of a loan, it 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 the child is in a registered childcare provider.

If a student is experiencing financial difficulty and wishes to apply for either type of funding, they are 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.

Undergraduate student Application Forms and further information are available from the Student Information and Support Coordinators by emailing studentsupport@ul.ie. More details are available at Undergraduate Financial Support.

Any postgraduate student wishing to avail of either type of funding can email postgradpresident@ul.ie or psu@ul.ie to request an application form. More details are available at Postgraduate Financial Support.

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 2023/24 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 not 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/global 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.

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.

UL Foundation Entrepreneurship & Innovation Awards

Funded through the support of companies Ingenium Consulting and Platt Reilly, these awards celebrate student entrepreneurial and social innovative thinking across all UL programmes of study courses. Prizes are awarded at a competition and range from from €1,000 to €3,000 in value.

Students receive mentoring and guidance from faculty in the Kemmy Business School (KBS) and participate in workshops and events, such as the Entrepreneurship Summit and the Negotiations Club organized by the UL Consulting and Entrepreneurship Society (ULCES).

Further information on the Awards can be obtained from Briga Hynes at Briga.Hynes@ul.ie or Ben Kiely at entrepreneurship@ulces.ie

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

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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. Successful candidates must satisfy all other minimum entry requirements. Note: A language exemption cannot be used to satisfy any course specific subject requirements.

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 pages 56-59 of this prospectus.

Course Additional Requirement

- LM131 - Audition
- LM132 - Audition
- LM133 - Audition
- LM134 - Audition
- LM135 - Audition
- LM076 - Portfolio
- LM103 - Clean Driving Licence required (Full B and minimum Provisional C1)
- LM173 - Portfolio

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.

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

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 BSc 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.scieng.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.
- An additional score of 25 points is awarded for grades H1 to H6 in the

Table 2

Points System Leaving Certificate

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.

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

- Only A-level grades awarded on the same date can be considered for computation
- Applicants are scored on the basis of their best four GCE A-Levels OR best three GCE A-Levels plus one AS Level in a different subject from the same or preceding year. (Note one A-level grade from the previous year may be substituted for an AS grade but will only be scored as AS).
- Grades in the same subject in A2 and AS level cannot be combined
- 25 additional points will be awarded for a Grade E or better in A2 Mathematics. (This will apply to only ONE Mathematics subject of the following: Mathematics, Further Mathematics and Pure Mathematics, and only where that subject is used as one of the subjects for scoring purposes.

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

also undertake a link-in module in the 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.

School leavers who provide satisfactory evidence relating to their socio-economic circumstances may compete for a quota of places allocated to applicants on a reduced points basis. In all cases, school leavers must meet the Irish Leaving Certificate minimum entry and specific subject requirements

Who should apply to HEAR?

School leavers from socio-economically disadvantaged backgrounds who are under the age of 23 as of 1st January and who are resident in the Republic of Ireland may apply to HEAR. Mature and QQI students have different admission routes (outlined below).

Condition of a HEAR Offer

Students who receive a HEAR offer must attend an orientation programme before the first semester. Students who accept places in the University of Limerick through HEAR are offered a variety of academic, personal and social supports while studying at third level. Details of post-admission supports for HEAR entrants can be found on www.accesscollege.ie and www.ul.ie/access

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

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
Email: dare@ul.ie

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 an 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
- 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 Academic Registry or online at www.ul.ie/academic-registry/prospective-students/pathways-ul

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
- LM028 Criminal Justice
- LM029 Law Plus
- LM039 Journalism and Digital Communication
- LM040 European Studies
- LM044 Applied Languages
- LM027 Common and Civil Law

Kemmy Business School

- LM050 Business Studies

Faculty of Education and Health Sciences

- LM038 Psychology and Sociology
- LM090 Physical Education
- LM091 BEd in Languages
- LM092 BEd (Biology and Chemistry OR Physics OR Agricultural Science)
- LM094 BEd Graphics and Construction Technology
- LM095 BEd Graphics, Engineering and Technology
- LM096 BSc Education Physical Sciences with Chemistry and Physics
- LM097 Mathematics & Computer Science
- LM102 Psychology
- LM103 Paramedic Studies
- LM105 Exercise & Health Fitness
- LM150 Nursing General
- LM152 Nursing Mental Health
- LM154 Nursing Intellectual Disability
- LM156 Nursing Midwifery

Faculty of Science and Engineering

- LM058 Financial Mathematics
- LM063 Technology Management
- LM077 Aeronautical Engineering
- LM082 Construction Management and Engineering
- LM093 Equine Science
- LM113 Interaction Design
- LM114 Music Media & Performance Technology
- LM115 Chemical and Biochemical Engineering
- LM116 Engineering
- LM118 Electronic and Computer Engineering
- LM121 Computer Science
- LM123 Biological and Chemical Sciences
- LM124 Mathematics
- LM125 Physics
- LM 180 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 can apply for entry to some of the University's courses. Courses accepting transfers are published on each year on ul.ie/academic-registry.

Applicants can apply for transfer 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.

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7. CAO Applications

Applications for admissions from the following applicants should be made through the Central Applications Office (CAO):

7a. EU/EFTA Applicants and QQI FET Award Applicants

Applications may be submitted online at www.cao.ie.

The Central Applications Office
Tower House
Eglinton Street
Galway
Tel: +353 91 509800

Deadlines for online applications are:

- Normal applications **1 February**
- Late Applications **1 May**

7b. Higher Education Access Route (HEAR)

The HEAR scheme opens in November.

- **Step 1:** Apply online to CAO no later than 17.15 on 1 February (you must indicate in your CAO application that you wish to apply for the HEAR scheme).
- **Step 2:** No later than 17.15 on 1 March, you must fully and correctly complete all elements of the HEAR form (the HEAR form is a part of your CAO application).
- **Step 3:** Submit relevant evidence in support of your application to arrive at CAO no later than 17.15 on 15 March (All documentation must include your CAO number).

HEAR applications can only be made online at www.cao.ie

More information on HEAR is available from your school Guidance Counsellor or the University of Limerick Access Office. HEAR will hold a number of Application Advice Clinics nationwide in January for students, parents and guardians who would like further information on applying to HEAR. Information can also be found on:

- www.accesscollege.ie
- www.cao.ie
- www.ul.ie/access
- www.ul.ie/academic-registry

7c. Disability Access Route to Education (DARE)

How to Apply to DARE?

Before submitting a DARE application, you should read the DARE Handbook and discuss this with your parents, guardians or Guidance Counsellor.

Applicants applying for DARE must:

1. Be under the age of 23 as of 1 January
2. Apply to CAO by 17:15 on 1 February
3. No later than 17:15 on 1 March, disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (SIF)
4. Download Section B of the SIF (Educational Impact Statement), have it completed by your school and returned to CAO to arrive by 17:15 on 15 March.
5. Submit Section C Evidence of Disability documentation completed by the appropriate professional to CAO to arrive by 17:15 on 15 March.

Further details on the acceptable Evidence of Disability documentation is published in the DARE Handbook and on www.accesscollege.ie.

Notes:

DARE has specific requirements for Section C (Evidence of Disability) in relation to the Medical Consultant/Specialist who must verify your disability, the age limit on reports and the documentation required. DARE will hold a number of Application Advice Clinics nationwide in January for students, parents and guardians who would like further information on applying to DARE. See www.accesscollege.ie for further information on DARE.

7d. Mature Applicants

Nursing and Midwifery Courses

Mature applicants to Nursing and Midwifery courses must apply through the CAO by 1st February and must also sit an assessment test run by the Nursing & Midwifery Board of Ireland (NMBI) and which is usually held in April each year.

All Courses Other than Nursing & Midwifery

To submit an application for consideration as a mature student, the following steps must be completed:

1. Mature applicants must apply through (CAO) by 1st February.
2. Mature applicants must indicate in their CAO application that they are a mature applicant. They will then be directed to an additional section of the CAO form where they must provide further personal and educational details. All components of the mature applicant section must be completed.
3. All supporting documentation (tailored personal statement for each course, evidence of qualifications etc) must be posted to the CAO by 1st February. See www.ul.ie/academic-registry for full details on the supporting documentation required for different courses.
4. For LM089 Sport 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. Typically, mature applicants are required to register for the test in February each year, with the test taking place in March. Further details, including specific test dates and test centres, are available from www.msap-ireland.acer.org
5. For LM103 Paramedic Studies, applicants are required to undertake a written assessment test. Further details are available from www.ul.ie/gems/para

With the exception of LM089 Sport and Exercise Sciences, LM100 Physiotherapy, LM102 Psychology, LM103 Paramedic Studies, LM150 Nursing (General), LM152 Nursing (Mental Health), LM154 Nursing (Intellectual Disability) and LM156 Midwifery, late applications may be considered for some courses up to 1st May. Contact the Mature Student Office or Academic Registry for further details.

7e. Deferred Entry

A student who is offered a place through the Central Applications Office (CAO) may, under certain conditions, defer entry for one year. Applicants should not accept the offer through the CAO. In order to defer entry on receipt of an offer, a student must:

1. Go to ul.ie/academic-registry/deferrals and submit our on-line deferral form indicating your reason for requesting a deferral.
2. You must include the following details:
 - Your CAO application number
 - The CAO course code you were offered
 - A contact telephone number
 - The reasons why you are seeking the deferral
3. The request must arrive in Academic Registry at least two days before the "Reply Date" on the Offer Notice.
4. A decision on the request will be communicated to the applicant.

Please note that in the case of LM101 - Bachelor of Medicine, Bachelor of Surgery (Graduate Entry), application for deferred entry is not normally available, but requests may be considered in exceptional circumstances, on a case-by-case basis.

Taking up a deferral

In order to take up a deferred place, you must:

1. Re-apply through the CAO in the succeeding year by 1st of February.
2. Place the deferred course as your only preference on the choice list.

8. Direct Applications

Applications for admission from the following applicants should be made directly to the University:

8a. Applicants from Non-EU countries

Applicants from non-EU countries should apply directly to Graduate and Professional Studies Division at the University. The closing date for receipt of complete application forms is 1st July for September entry. Further information may be obtained from Graduate and Professional Studies Division:

Telephone: 353-61 202414
Fax: 353-61-213062
Email: gps@ul.ie

8b. Transfer Applicants

The closing date for receipt of applications for candidates seeking admission to at least year 2 of an undergraduate course is 1st July.

Further information may be obtained from:
Academic Registry
University of Limerick
Limerick
Ireland

Telephone: 061 – 202015
Enquires: www.ul.ie/academic-registry/about/contact-us
Website: www.ul.ie/academic-registry

Summary of UL Courses – 2024 Entry

Arts Humanities & Social Sciences

Code	Course Name	Course Specific Requirements	QQI
LM002	BA Arts	Spanish German H4 required in the chosen language option with the exception of beginners	Y
LM019	BSc Social Sciences		Y
LM020	BA Law & Accounting	Maths O4/H7	
LM027	BA Common & Civil Law	O6/H7 Required in French	
LM028	BA Criminal Justice		Y
LM029	BL (Law Plus)	Beginners Spanish H4 Required in the chosen language option with the exception of Japanese	Y
LM038	BA Psychology & Sociology		Y
LM039	BA Journalism & Digital Communication	H4 Required in English, H3 in chosen language H3 Required in the chosen language other than English. H3 Required in Irish/Gaeilge if an additional language is combined with Irish/Gaeilge	Y
LM040	BA European Studies		Y
LM044	BA Applied Languages	H3 Required in the chosen language option.	Y

Education & Health Science

Code	Course Name	Course Specific Requirements	QQI
LM089	BSc Sports & Exercise Science	Science O3/H7 Student Vetting/Fitness to Practice	
LM090	BSc Physical Education	Student Vetting/Fitness to Practice	Y
LM091	B.Education Languages	H3 in one of the 2 languages chosen. Student Vetting/Fitness to Practice	Y
LM092	BSc Education Biology with Physics or Chemistry or Agricultural Science	Maths O3/H7 Science O4/H7 Student Vetting/Fitness to Practice	Y
LM094	B Education Graphics & Construction Technology	Maths O3/H7 Science O4/H7 Student Vetting/Fitness to Practice	Y
LM095	B Education Graphics, Engineering & Technology	Maths O3/H7 Science O4/H7 Student Vetting/Fitness to Practice	Y
LM096	BSc Education Physical Science with Chemistry & Physics	Maths O3/H7 Science O4/H7 Student Vetting/Fitness to Practice	Y
LM097	BSc Education in Mathematics & Computer Science	Maths H4 Student Vetting/Fitness to Practice	Y
LM100	BSc Physiotherapy	Science O3/H7. Student Vetting/Fitness to Practice	
LM101	BM BS Bachelor of Medicine, Bachelor of Surgery (Graduate Entry)	Minimum 2.1 in 1st class Honours Bachelor Degree (NFQ Level 8) or equivalent + GAMSAT Student Vetting/Fitness to practice	
LM102	BSc Psychology		Y
LM103	BSc Paramedic Studies	Full Clean B Licence + C1 provisional licence = minimum licence entry requirement. Student Vetting/Fitness to Practice	Y
LM105	BSc Exercise & Health Fitness Management	Fitness to Practice	Y
LM150	BSc Nursing (General)	Science O6/H7 Student Vetting/Fitness to Practice.	Y
LM152	BSc Nursing (Mental Health)	Science O6/H7 Student Vetting/Fitness to Practice.	Y
LM154	BSc Nursing (Intellectual Disability)	Science O6/H7 Student Vetting/Fitness to Practice.	Y
LM156	BSc Midwifery	Science O6/H7 Student Vetting/Fitness to Practice.	Y

Irish World Academy of Music & Dance

Code	Course Name	Course Specific Requirements	QQI
LM131	BA Irish Music	Audition/Student Vetting	Y
LM132	BA Irish Dance	Audition/Student Vetting	Y
LM133	BA Contemporary Dance	Audition/Student Vetting	Y
LM134	BA Voice	Audition/Student Vetting	Y
LM135	BA World Music	Audition/Student Vetting	Y

Kemmy Business School

Code	Course Name	Course Specific Requirements	QQI
LM050	Bachelor Business Studies (BBS)	H4 Required in the chosen language option with the exception of Japanese or beginners Spanish. Maths O4/H7	Y
LM056	BA International Business Studies	H4 Required in the chosen language other than English with the exception of Japanese or beginners Spanish. Maths O4/H7	

Science & Engineering

Code	Course Name	Course Specific Requirements	QQI
LM058	BSc Financial Mathematics	Maths H3	Y
LM063	BSc Technology Management	Maths O3/H7 Science O4/H7	Y
LM066	BSc Environmental Science	Maths O3/H7 Science H4	
LM068	BSc Food Science & Health	Maths O3/H7 Science H4	
LM076	BSc Product Design & Technology	Maths O3/H7 Science O4/H7 Portfolio	
LM077	BE/ME Aeronautical Engineering	Maths H4 Science O6/H7	Y
LM082	BSc Construction Management & Engineering	Maths O3/H7 Science O4/H7	Y
LM093	BSc Equine Science	Science H4	Y
LM099	Bachelors Architecture		
LM104	Bsc Occupational Therapy	Science O3/H7 Student Vetting	
LM113	BSc Interaction Design	Maths O3/H7	
LM114	BSc Music, Media and Performance Technology	Maths O3/H7	Y
LM115	BE Chemical & Biochemical Engineering	Maths H4 Science O6/H7	Y
LM116	BE/ME Engineering (Biomedical or Civil or Design & Manufacturing or Mechanical)	Maths H4 Science O6/H7	Y
LM118	BE/ME Electronic & Computer Engineering	Maths H4 Science O6/H7	Y
LM121	BSc Computer Science (Computer Systems or Computer Games Development or Cyber Security & IT Forensics)	Maths O2/H6	Y
LM123	BSc Biological & Chemical Sciences (Bioscience or Environmental Science or Industrial Biochemistry or Pharmaceutical & Industrial Chemistry or Biomedical Science)	Maths O3/H7 Science H4	Y
LM124	BSc Mathematics (Mathematical Sciences or Mathematics & Physics or Economics & Mathematics)	Maths H3	Y
LM125	BSc Physics (Applied Physics or Mathematics & Physics)	Maths H4 Science H4	Y
LM173	BSc/MSc Immersive Software Engineering	Maths H4 & Portfolio	
LM174	BSc/MSc Artificial Intelligence & Machine Learning	Maths H3	
LM180	Certificate/Diploma Equine Science		Y

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



Science Subject Requirement Table

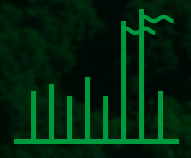
Code	Course Name	Agricultural Science	Applied Maths	Biology	Chemistry	Computer Science	Construction Studies	Engineering	Physical Education	Physics	Physics with Chemistry	Technology	Technical Drawing / Design & Communication Graphics
LM063	BSc Technology Management	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM066	BSc Environmental Science	✓	✓	✓	✓					✓	✓		
LM068	BSc Food Science & Health	✓	✓	✓	✓					✓	✓		
LM076	BSc Product Design & Technology	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM077	BE/ME Aeronautical Engineering	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM082	BSc Construction Management & Engineering	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM089	BSc Sport & Exercise Science	✓	✓	✓	✓				✓	✓	✓		
LM092	BSc (Education)Biology with Physics or Chemistry or Agricultural Science	✓		✓	✓					✓	✓		
LM093	BSc Equine Science	✓	✓	✓	✓					✓	✓		
LM094	B Tech Education Graphics & Construction Technology	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM095	B Tech Education Graphics, Engineering & Technology	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM096	BSc Education Physical Science with Chemistry & Physics		✓		✓			✓		✓	✓		
LM100	BSc Physiotherapy	✓		✓	✓				✓	✓	✓		
LM103	BSc Paramedic Studies	✓		✓	✓					✓	✓		
LM115	BE Chemical & Biochemical Engineering	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM116	BE/ME Engineering (Biomedical or Civil or Design & Manufacturing or Mechanical)	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM118	BE/ME Electronic & Computer Engineering	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
LM123	BSc Biological & Chemical Sciences (Bioscience or Environmental Science or Industrial Biochemistry or Pharmaceutical & Industrial Chemistry or Biomedical Science)	✓	✓	✓	✓					✓	✓		
LM125	BSc Physics (Applied Physics or Mathematics & Physics)		✓		✓			✓		✓	✓		
LM150	BSc Nursing (General)	✓		✓	✓					✓	✓		
LM152	BSc Nursing (Mental Health)	✓		✓	✓					✓	✓		
LM154	BSc Nursing (Intellectual Disability)	✓		✓	✓					✓	✓		
LM156	BSc Midwifery	✓		✓	✓					✓	✓		



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



UL was voted the best university in Ireland for employability*



Ireland's sporting campus

*Source: International Student Barometer Survey 2021

Faculty of Arts, Humanities & Social Sciences

Dáin, Daonnachtaí agus Eolaíochtaí
Sóisialta



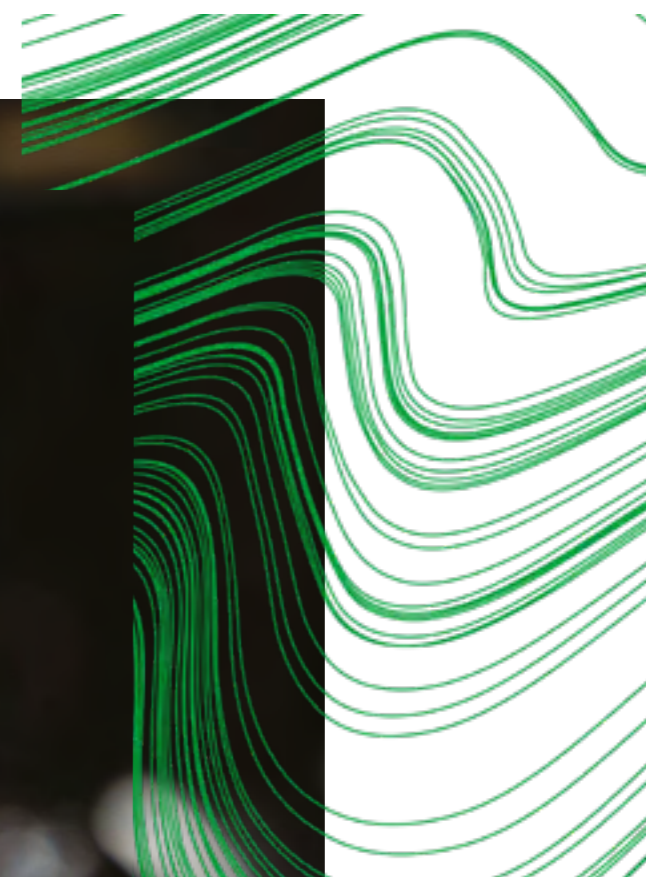
If your talents and interests lie in subjects such as languages, history, sociology, cultural studies, music, politics or law, this faculty is an excellent choice. It is renowned for the quality of its teaching and its commitment to research.

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



Course Info

CAO Points 2022: 347

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 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.
English:	O6/H7
2nd language:	O6/H7 or H4 for language 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.
Maths:	F6/O6/H7 Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation mathematics is not reckonable for scoring purposes.
Alternative entry pathways:	Mature Pathways: Please refer to the online course page. QQI Pathways: Please refer to the online course page.

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 Brady Day

I am a graduate of the Bachelor of Arts and majored in Public Administration and Leadership. I then went on to study for a MA in Development Studies. I picked the Bachelor of Arts because it is so broad; the variety of subjects is excellent. I would never have considered Public Administration and Leadership but during my first year, I very quickly realised that it was the subject I wanted to pursue so I kept it on.

It was easy to get to know lecturers, ask for their feedback on assignments or to look for their perspectives on different career routes. Discussions within classes really pushed and encouraged me and were a great way to develop rhetorical and debating skills.

Public Administration & Leadership gives you wide exposure to how the government works and is an ideal entry route to the civil service in general. I was lucky enough to win the Iveagh Fellowship last year. My goal is to work as a diplomat with the Department of Foreign Affairs, where I completed my co-op work placement. Getting that professional experience and having an international element to my degree with Erasmus attracted me to the course.

The Bachelor of Arts is a broad degree; you will have a wide range of options in terms of careers and further study. My advice is to think critically about what subjects you would like to pursue and do some research on which interest you the most before you start.

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 a 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

[†] 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.

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 you 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/>

LM002 Online

The student experience



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

Course Info

CAO Points 2022: 475

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

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.

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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 each semester) and two minor subjects (one module each per semester), 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.

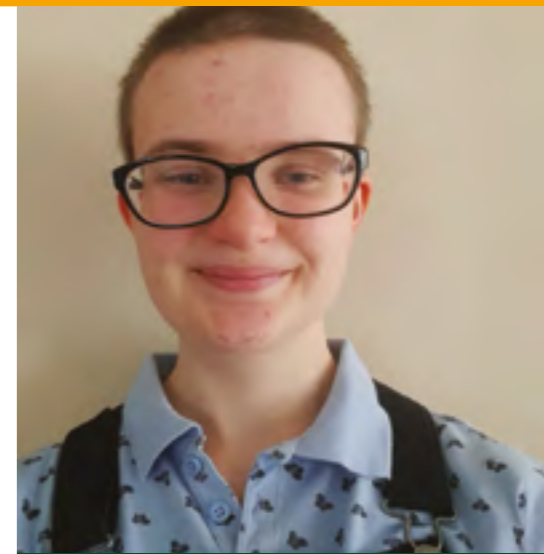
Career opportunities include:

- 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



Student Profile

Saoirse McInerney

I am a student on the BSc Social Sciences, majoring in Sociology and minoring in Psychology and also Digital Culture and Communications. I start co-op work placement soon for which I will travel to Argentina, and then I go to Italy for Erasmus. These opportunities are really exciting.

I had always wanted to study social sciences and was delighted when I was accepted onto this course. I found it difficult to pick my subjects in first year because there were so many I wanted to do but I ended up picking Psychology, Sociology, Politics and Digital Culture & Communication as my four subjects. I didn't know what to expect with that last one, but I really like it. We make things like short videos and informative brochures. We also have a data science module as our programme's core module, where we learn about statistics and research.

After graduating, I hope to do social research or sociology. This course gives me an amazing grounding for either of these. However, one of the great things about the BSc. Social Sciences is how many options there are. Some of my classmates plan to go into journalism or social care. I would recommend the course to anyone who loves learning about people and society.



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	✓	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)

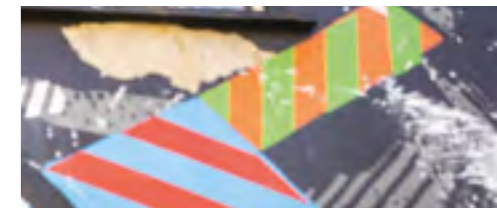
Subject combinations available on LM019 BSc. Social Sciences from year 2 onwards.

Minor option →
(Choose 2 on the same line as your major)

Major option ↓
(Choose 1)

	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

Ciara Murray

I am a 2nd year BA Arts student studying Digital Culture and Communications with Sociology. When applying for a course, it was important to me to choose a course with flexibility and choice. In first year, I studied Economics, Psychology, Sociology and Digital Culture and Communications.

I loved Digital Culture and Communications. In first year, we studied the history of computers. We then went on to do various practical projects such as creating a website and live tweeting. I love the practical and creative aspects of the module. We continued to use our own WordPress websites to submit assignments throughout the semester. This was really fun and very different to anything I was doing in other modules. In second year, I got to study mass media from a sociological viewpoint, the influence of media and also visual cultural studies. These were really interesting topics. My lecturers were very interactive and enthusiastic.

Next semester, I am heading to Tenerife for my Erasmus to study Digital Media.

After my degree, I would love to explore a career in Digital Marketing in the fashion industry. I really think that studying Digital Culture and Communications in UL will have greatly prepared me for this.

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 economics 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.



Student Profile

Chloe Dunne

I've always been a big reader, ever since I was little. I joined my local library when I was six, and I think that's what set me down the path to studying English today. Now I'm a third year, specialising in History and English, and I absolutely love it. UL offers modules like Medieval Literature and Irish Gothic Lit, which really allow me to combine my two subjects; by studying the works of the past, I'm looking through a window to see people just like me, who read or heard the same, unchanging, words that I'm looking at now, centuries later.

English in UL offers more than just academic opportunities. As part of my degree, I went on Erasmus to Germany, where I also studied English. The opportunity to improve my German (which sadly had been untouched since my Leaving Cert days) as well as live in a new country and with new people was an invaluable experience and helped me grow as a person in numerous ways. My cooperative education placement (think work experience!) was just as beneficial- I got to work with the Centre for Early Modern Studies here in UL and it really drove home for me just how interconnected the humanities are. CEMS wasn't just made up of members of the Department of History- here Geography, Languages, Irish, and English academics can also be found. And that's when it really clicked for me, just how much the arts can bleed into one another; and how English can be the perfect medium to connect them.

About You

Above all else, you love to read: novels, poetry, non-fiction, drama, magazines. You want to give yourself the time and opportunity to read great books and to learn more about English literature. You want to engage with narratives that help us to understand ourselves and the world 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 are creative, 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?

Our English programme enables you to develop critical thinking skills through an appreciation of the wide world of literature in English, and by analysing the social and historical contexts through which that literature emerged. You will learn about the art of writing and shaping narrative by exploring literary genres and history from the 700s on. You choose electives to suit your own interests, in Irish, British, American, and world literatures, and in gender and sexuality studies among other specialist topics.

What you will study

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

- Literary analysis and critical theory
- Historical schools/eras in literature (e.g. Early Modern & Renaissance Literature; Augustan & Romantic Literature; Victorian Texts & Contexts; Literary Modernism & 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 Literatures, American Culture, etc).

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

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)



Student Profile

Annabel O'Donnell

I am a student on the Bachelor of Arts and chose French and English as my subjects. UL interested me because of the semester abroad and the semester of Co-Operative education (work placement). I felt that these would be very beneficial not only in an academic sense but also for gaining real-world experience, social skills and work ethic. For my Erasmus, I will be studying in Marseille.

I have always found languages intriguing and knew that I wanted to study them in some way. I really appreciate how supportive, reassuring and helpful my lecturers and tutors are.

In terms of how we learn on a week-to-week basis, we have lectures but also oral classes and grammar classes. I find it beneficial that the lectures are delivered in French entirely. We don't speak English at all in class which is great because it helps you to adapt more to the language.

In the future, I'm interested in pursuing either speech and language therapy or post-primary teaching in French and English. These have always been my two fundamental options. My advice for students would be just to enjoy it and do your best. Do not skip classes and put in the work. This is good advice in general but especially with languages.

I would definitely recommend French on the Bachelor of Arts as a subject to others, especially anyone who has a flare or a strong passion for languages.

LM002 Gaeilge

Is féidir an Ghaeilge a dhéanamh mar chomhábhar sa Chéim sna Dána in Ollscoil Luimnigh. 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 mhaith leat go mbeadh an Ghaeilge mar dhlúthchuid de do shaol pearsanta, cultúrtha agus sóisialta feasta. Is maith leat cúrsaí léitheoireachta agus/nó tá suim mhór agat sa chultúr béil, sa bhéaloideas agus san amhránaíocht, agus tá an-spéis agat i gcás na Gaeilge sa tsochair chomhaimseartha. Aithníonn tú an tábhacht thar meon a bhaineann le hoidhreacht na 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 tnúth leis an spreagadh intleachtúil a thabharfaidh teanga, cultúr agus litríocht na Gaeilge duit agus leis na 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 Ardteist, nó cáilíocht atá ar comhchéim leis sin, chun an Ghaeilge a bheith agat mar ábhar céime in Ollscoil Luimnigh.

Cad chuige staidéar a dhéanamh ar an nGaeilge in Ollscoil Luimnigh?

Is féidir staidéar a dhéanamh ar an nGaeilge mar chuid de réimse leathan cúrsaí in Ollscoil Luimnigh ar a n-áirítear Céim sa Díl Móide, Céim sna Teangacha Feidhmeacha, Céim sa Léann Eorpach, an Céim sna Taibhealaíona (Ceol agus Damhsa), Céim B. Oid. sna Teangacha, an Chéim 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 foirne, gheobhaidh tú cúrsa ar leith sa Ghaeilge a bheidh nascaithe le disciplíní móra idirnáisiúnta ar ar a n-áirítear léann na litríochta, 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 múineadh le fonn agus le fuinneamh, a thabharfaidh idir spreagadh agus thacaíocht duit, agus a chuirfidh na fáiltí geala romhat go hOllscoil Luimnigh.

Cad a bheidh faoi staidéar agam?

Mar chuid de do chúrsa Gaeilge, déanfaidh tú staidéar ar ghramadach agus ar chruinneas na Gaeilge (idir scríobh agus labhairt), agus déanfaidh tú staidéar ar an teanga, ar an litríocht, ar an gcultúr béil, agus ar stair agus oidhreacht na hÉireann trína bhforbrófar do scileanna machnaimh, anailíse, agus áitimh. Freastlóidh tú ar ranganna teagaisc a dhíríonn go speisialta ar chúrsaí teanga, ar an ngramadach, ar labhairt na Gaeilge agus ar an aistriúchán; freastlóidh tú ar léachtaí a bhainfidh le réimse leathan ábhar laistigh de Léann na Gaeilge, mar shampla, dírbheathaisnéis na Gaeilge, traidisiún na scéalaíochta, na scéalta gaisce, na seanscéalta iontais, an caoineadh, Nualitríocht na Gaeilge idir phrós agus fhilíocht, stair na litríochta anuas go dtí an 19ú haois, canúintí na Gaeilge, an chanúineolaíocht, an tsochtheangeolaíocht, an ainmeolaíocht.

Deiseanna fostaíochta

Bíonn deiseanna fostaíochta ar fáil do chéimithe Gaeilge Ollscoil Luimnigh i réimsí éagsúla, mar shampla: an mhúinteoireacht, an earnáil oidhreacht agus cultúir, na meáin Ghaeilge agus an iriseoireacht, an taighde acadúil agus earnáil na ndaonnachtaí digiteacha an earnáil phoiblí, earnáil an aistriúcháin agus institiúidí an Aontais Eorpaigh.

Staidéar larchéime

- PME sna Teangacha (Gaeilge)
- MA múinte sa Ghaeilge
- MA taighde sa Ghaeilge
- PhD taighde sa Ghaeilge



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 such as climate change, inequality, migration, physical degradation and resource management. You want to make sense of our highly complex world and become an informed citizen. You want to learn field and laboratory techniques that are highly valued by employers. You want to pass your knowledge on to future generations either by informing public policy debates and/or as an educator. You want to make a positive difference and help plan for the future sustainability of society and our planet.

Why study Geography at UL?

Geographers are amongst the most employable university graduates. Selecting Geography as a subject within the BA Arts or BSc Social Sciences programmes will provide you with fresh insight into the greatest challenges facing our world today. Staff 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. Geography also has a natural symbiosis with many of the other subject offerings on the BA Arts and BSc Social Sciences programmes making it the perfect partner subject choice.

What you will study

GUL Geography consists of modules in human and physical geography. The modules are taught through lectures, tutorials, laboratory exercises and fieldwork. In each module you will learn to think critically, analysing how and why our natural and physical world shapes our human interactions and vice versa. You will learn to understand and expand your geographical imagination, the unique way geographers think about the world, with space and place at the forefront of your study, and learn a range of practical skills, such as Geographical Information Systems (GIS), which appeal to employers. In the first year you will be introduced to the foundations of human and physical geography. In your second and third years, you will build on this knowledge through more specialised modules on population, earth science, development, and landscape. You will also have the opportunity to work outside the University through the cooperative education programme, and study Geography abroad in one of our partner institutions. In your final year, you will focus on natural hazards, sustainability, environmental issues, and cultural and historical geography, and you will have a range of options to study an aspect of geography in more detail as part of an individual or group project.

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



Student Profile

Marc Moser

I looked at universities for years, trying to find the best fit for what I wanted to do and what I wanted to experience. For most of that time, I looked exclusively in the United States, which is where I am from. However, I could not find a school that would give me an education quite like the University of Limerick.

Within my course itself, the Bachelor of Arts, I was afforded a large amount of flexibility in choosing my subjects which helped me discover my love for both Geography and Politics. I chose Geography due to the growing importance of environmental protection and sustainable development, as well as attempting to understand our role in improving our relationship with the Earth's systems. In order to achieve these things, the UL Geography department teaches students to use different software that is being used to make important decisions regarding environmental policies, infrastructure design, and more.

Choosing to study at UL is a decision I have yet to regret, and one that I probably will never regret. If you are interested in how the Earth operates and in how humanity operates, I fully recommend taking on this program.

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.



Student Profile

Kieran Murphy

I am a Bachelor of Arts student studying German and also Linguistics with TESOL (Teaching English to Speakers of Other Languages) as my two subjects.

I have had an interest in German since I was younger and visited Germany on a few occasions. I took German in secondary school and wanted to study it at a higher level.

When I started at UL, I noticed I was getting a better grasp and understanding of how to speak German, its structure and how to formulate sentences myself rather than just learning information for an exam. I felt reassured to find out that there were so many resources to help students like the Language Learning Hub.

The classes on offer are interesting including German history, culture, literature, and the language itself. Our lecturers are extremely helpful. Classes are small and interactive. Rather than just sitting there and listening, you are truly part of the class.

I spent my Erasmus placement in Berlin and being in a German-speaking environment 24/7 really improved my understanding of the language.

Initially, I intended to teach German at secondary level after completing a Professional Masters of Education and I think that is still what I want to do, however, a translation class opened up the idea of translation as a career because I enjoyed it so much. It wasn't something I had considered before but I am even doing my Final Year Project on a translation dossier.

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, virtual exchanges, podcasts 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 in European Studies
- MA Comparative Literature and Cultural Studies
- MA Irish-German Studies
- MA International Studies
- MA in Applied Linguistics International
- 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 international 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 European history from the end of the fifteenth century to the age of Enlightenment and Revolution; early modern Ireland; political history of Irish nationalism and republicanism; the cultural and social history of everyday life in Ireland since the eighteenth century; America-Irish relations; historiography.
- Specialist electives on various themes in Irish history; sixteenth- and seventeenth-century Spain and Spanish America; the cultural history of the city in sixteenth- and seventeenth-century Germany; history of medicine; aspects of modern north American history and the Cold War

Career Opportunities

History will provide you with the critical and analytical skills that can take you in all manner of different directions.

On completion of relevant graduate training programmes, you will be able to secure jobs in the following areas:

- Professional administration and management
- Teaching
- Finance and accountancy
- Law
- Journalism
- International and European organisations.
- Research
- Archivist, librarian and, and museum curator
- Heritage industry
- Local and national government
- Public service
- Voluntary organisations and NGOs

Follow-On Study

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



Student Profile

Morgan Leigh

After finishing school and working full-time for three years, I decided that I wanted to return to education. I took a QQI course in Liberal Arts which led me to the BA Arts programme at UL.

I was drawn towards the style of writing used in the practice of history. It was in that criticality and engagement that I saw the potential to develop a really valuable skillset. You are not simply learning about history, but learning what good history is, and how to produce it. The modules are quite broad, they cover either a long time-period or a variety of topics. That allows you to really explore the subject and discover what you enjoy discussing and researching the most.

Very early on I got the sense of how supportive both the lecturers and tutors are. They have always been approachable and provided excellent guidance.

If I can offer any advice, it would be to follow your interests. If you are unsure of what you will gain from the course in terms of career options, consider what skills it has to offer you and how you could put them to use. Studying history is an excellent way to develop your critical thinking and research skills which are valuable in many lines of work. It is important to study subjects you want to learn more about, doing so will only invite more opportunity.

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 Analysing Media Discourse.
- Year 4: Applied linguistics and the professions; current research in applied linguistics; multilingualism in a globalizing world, language policy, politics and power OR TESOL 2 and 3.

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
- 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
- Speech and Language Therapy (Professional Masters required)

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



Student Profile

Nigel Rafferty

I am a student on the Bachelor of Arts studying Mathematics and German. The opportunity to spend a semester abroad and the work placement were two things that really stood out to me about the course. I have always enjoyed maths and find it interesting. Maths on the Bachelor of Arts has been designed to meet the requirements of the Teaching Council if you want to do a Professional Master of Education (PME), which is what I hope to do in the future.

UL has some great supports including the Maths Learning Centre where they offer additional guidance to students if they find particular elements of their classes difficult.

Modules are delivered via a mixture of lectures and tutorials; typically two to three hours of lectures per module each week and then a one-hour tutorial to apply the theories taught in the lectures and sample problems. Assessments are typically split between in-term assessments and a final exam.

Each semester is an introduction to a new area whether it be algebra, geometry, statistics or probability. If you like maths, you will enjoy the subject but also find that the modules provide enough of a challenge to keep you interested. It is important to put in consistent effort from the beginning of each semester and throughout. I would recommend choosing mathematics if you like the subject, have an aptitude for it and would like to combine it with other subjects available on the Bachelor of Arts.



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.



Student Profile Sarah Fox

My name is Sarah and I am studying Irish and Music as part of a four year Bachelor of Arts (Honours) Degree programme. A key piece of advice received in secondary school was to “study something you like doing” and that for me was always going to involve music in some shape or form. The BA Degree at UL provided the ideal opportunity to fulfil the musical half of my dream.

The programme is very flexible, for instance this year I was given the opportunity to take on some extra music modules, required to possibly pursue a career as a teacher somewhere down the line. These extra modules involved elements of performance and composition and were delivered by the very best of tutors.

I have found the UL music faculty to be very approachable and are always available to encourage and support their students. The support extends beyond the core academic content and I have benefitted, on more than one occasion, from focussed technical performance advice.

The Academy encourages Irish traditional music sessions and I have got great enjoyment from getting to know and playing with many other young musicians over the past year, all realised while carefully observing the restrictions imposed because of the pandemic.

It was a good decision to study Music at UL and I look forward with a keen sense of anticipation to the next two years and beyond.

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 Community Music
- 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 breadth 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 coop/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
- MA in European Politics & Governance



Student Profile Andrew Donnellan

I chose to study Politics and International Relations at UL because I wanted to develop my interest and knowledge of global matters through both a theoretical and practical lens. UL has allowed me to do this and I have greatly enjoyed my time here. Lecturers in the department are friendly and interactive which makes your time at UL so much easier knowing you will not be left behind. Politics and International Relations encompasses many wide-ranging modules which ensures that there is something for every student. I particularly liked World Politics/Geopolitics and there are many modules which focus on different aspects of world order. Cooperative Placement is hugely rewarding and provided me with an insight into what I like to do and future career options. In culmination of your time spent here in UL, you will finish your degree with a Final Year Project which is a very rewarding project in which you will use everything you learn to showcase your own individual research. I have thoroughly enjoyed my time here and will undoubtedly be back to UL in the near future!

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.

Follow-On Study

- MA in Psychology
- Psychology - Diploma

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.

Those students who do not progress into psychology in year 2 can still pursue psychology on completion of their degree by completing the 60-credit Diploma in Psychology: Code: 3877 (online) before pursuing the MA in Psychology.



LM002 / LM019 Public Administration and Leadership

Public Administration and Leadership can be taken as part of the UL Arts Degree as 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)



Student Profile

Frank Fitzgerald

Coming from school in Clare, my main interest was (and still is) current affairs. I chose my four first year subjects on LM002 Bachelor of Arts with that in mind – Politics, Public Administration & Leadership, History and Sociology.

In second year I had a hard time choosing which two to keep, but I chose politics and especially Public Administration and Leadership because I wanted to understand how politics and government works: who runs it, who decides, who implements, and the dynamics that not only dictated where we've been, but help predict where we're going.

Public Administration isn't a single topic. It covers different aspects of the study of how the permanent machinery of states (and beyond that wider institutions like those of the EU) work – everything from the effect of European membership on Ireland's permanent administration systems to environmental policy. This emphasis on policy and the permanent side of the state aligns nicely with the political – and so with taking politics as my other subject.

Finally, if unsure about anything at all when deciding what to choose, lecturers' emails should be easy to find – if you email they will be happy to help with any queries.

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

- Master of Science in Sociology and Data Analytics
- Master of Arts in Sociology (Youth, Community and Social Regeneration)



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 four 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 four 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).

- 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.

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.

Career Opportunities

Language graduates have the potential to get good jobs since, by studying Spanish, you acquire a whole range of skills that can be applied to a great variety of professions. In particular, you will have very good communication skills, which are highly valued by employers. Learning a language gives you another way of looking at, analysing and interpreting the world, so you are automatically more attractive to potential employers. As a result, language graduates can explore a variety of careers and professions, for example:

- 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

Follow-On Study

- 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)

Course Info

CAO Points 2022: 460

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

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 an analytical 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.

What you will study

The programme is four years in duration. During the first four semesters, in addition to studying the core subjects of Law and Accounting, you will also study Economics, Taxation and Finance. In semester 2 of 3rd year, an eight-month period of Cooperative Education provides you with an opportunity to apply the theory you have acquired in a practical work environment. You return to campus at the beginning of Year 4 and continue with your studies in the core subjects of Law and Accounting. In each of these final two semesters, you will choose five modules from a variety of subjects to maximise your exposure to either Law or Accounting, or any combination of both disciplines that suits your needs. You also have the opportunity to undertake a Final Year Project, which is a research project on a topic of your choosing.

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 coop 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.

Course Info

CAO Points 2023: New Programme

Course Director: Eddie Keane

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
Note: Applicants must also have a Grade O6/H7 or better in French.

Maths: F6/O6/H7
Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

About You

If you enjoy working out solutions to problems that occur in everyday life, and you would like the opportunity to live and study at a top university in France as part of your degree, then the LLB in Common and Civil Law will be of interest to you. If you are interested in French and would like to be awarded both an Irish law degree and a French Law degree, then you should consider this course.

Why study Common and Civil Law at UL?

The study of law is an enriching educational experience that provides intellectual stimulation and exposure to decision-making and argumentative skills. The LLB in Common and Civil Law programme provides an opportunity to obtain a bachelor's degree in both Common Law (The Irish/UK legal system) and Civil Law (the system used in most mainland European jurisdictions). Graduates can therefore expect to have a wide variety of options open to them upon graduation.

The LLB in Common and Civil Law programme 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. The University of Limerick 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 the legal environments in Ireland and France.

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

Through enhancing existing links with our partner institution, the Université de Franche Comté, UFR Sciences Juridiques, Économiques, Politiques et de Gestion, the University of Limerick can offer students a first-class experience of living and studying in the picturesque city of Besançon while achieving a legal education that opens opportunities throughout Europe and the European Union.

What you will study

The programme is four years in duration, of which the first two academic years are spent on campus at the University of Limerick and the second two academic years are spent at the Université de Franche Comté, Besançon, France. The programme consists of five law modules per semester in each institution. Modules are 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 achieving a recognised bachelor's degree in each country; e.g. Contract Law, Tort Law, Criminal Law, Constitutional Law, Equity and Trusts, EU Law, Land Law, Administrative Law, the Law of Evidence, etc.

A variety of assessment methods are used in each institution, ranging from partaking in a moot (replica) court case, through essay writing, to the more traditional timed examinations.

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.

Follow-On Study

After finishing your Law degree, you may decide to continue your studies and pursue a master's degree or PhD. Both Universities offer several innovative and interesting postgraduate programmes

Career Opportunities

Graduates can progress to professional legal training in Ireland or France. They can also pursue careers with international law firms, the European Union institutions, international businesses, or Non-Governmental Organisations.

Ireland holds a significant position in the global market. Over 10% of our workforce is employed by multinational companies. Many international law firms associated with these companies find Ireland to be an extremely attractive location. Graduates of this course would be well-positioned as potential employees of these firms.

FAQ

What is the difference between common and civil law?

The differences between the Common Law system (as operated in Ireland) and the Civil Law system (as operated in most European jurisdictions) stem from the basic sources of law in each jurisdiction. In a Civil Law system, the basic source of law are the 'Codes' or lists of laws. These Codes are then applied by a judge to a particular case in the court. Whereas in a Common Law system, the basic source of law is the decision of a judge in a particular case, which is written down and followed in similar cases (the concept of precedent). Although the Common Law system, particularly in Ireland, also incorporates a written constitution and written legislation.

What is the benefit of studying a law degree that covers both systems?

Besides the benefit of being able to progress to professional legal training in either jurisdiction, students also benefit from being immersed in the culture of France, and its legal institutions. Students who study in both systems can apply the knowledge acquired in one system – particularly the transferable skills (legal logic, etc.) – to the other system thus enriching their experience of both systems.

Will students be taught in English or French while studying in France?

Our partner university teaches some modules in English, and the balance through French. There is no guarantee that any, or all, of a student's modules will be taught through English.

Do students take extra French modules while in UL?

Yes. As students are admitted to the programme with the intention of spending two years in France, they will require an interest in French and an understanding of the language before being allowed to enrol. Students will then be supported in improving their language skills to the level required for legal study in France.

Is there a cooperative education / work placement as part of this programme?

No; as there are only two years of study in each institution, the modules required for progressing to professional legal education must take priority. Therefore, there is not an opportunity for a cooperative education placement.

Which institution awards the degree?

As the LLB in Common and Civil Law is a dual degree programme, both institutions award a degree – the student will graduate from both institutions.

Where are fees paid for this course?

The fees are similar to other undergraduate law programmes in UL and are paid to the University of Limerick for all four years; there are no additional fees for studying abroad.

Where in France will students be based?

The Université de Franche Comté is based in Besançon, in the East of France. More information on our partner institution can be found on their website, univ-fcomte.fr.

Do students do a final year project?

No; as the last two years of this programme are spent in the Université de Franche Comté, students will not have a traditional final year project. They will however have a broad range of options to choose from at the Université de Franche Comté.

Course Info

CAO Points 2022: 419*

Course Length: 4 Years

Course Director: Dr Susan Leahy

Enquiries

Email: Law@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

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.

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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 administered by the School of Law which boasts considerable expertise in the criminal justice area. The Centre for Crime, Justice and Victim Studies was established at the School of Law in 1997 and is a national centre of excellence for criminal justice research. Students of criminal justice in the University of Limerick will thus be taught by experts in the area who have published widely both nationally and internationally on criminal justice topics. The expertise of these staff is complemented by the first class credentials of the teaching faculty from the other disciplines (i.e. Sociology, Politics, Public Administration, Psychology and Management) which contribute to the programme.

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, inter-disciplinary degree 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 cooperative work placement which you will undertake at the end of Year 2. Coop 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 may also be possible to spend some of this work placement period abroad.

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



Student Profile

Olivia Barrett

've had an interest in law since the age of 15 but wasn't sure exactly which course to study. I chose Criminal Justice because of its broadness. Rather than just sticking to the law modules, I was able to study criminology, sociology and psychology too.

In terms of my favourite aspects of the course, I definitely enjoyed criminal law and criminology. You study how the entire system works including prison, rehabilitation and victim impact.

My studies have been extremely beneficial to me, not only in the career possibilities it opens up, but also because my understanding of the law was an asset to me at a time of personal tragedy. It meant that I was able to open connections with embassies and Irish consulates when my cousin passed away overseas. The knowledge I had of the justice system and public administration helped in such a practical way to make sure that our family was able to bring him home as soon as possible.

My co-op work placement was hugely helpful; I was placed with Limerick City Council and I wouldn't be in the job I'm in now without that experience. I am currently a legal intern at Holmes O'Malley Sexton and hope to be a fully qualified solicitor in a few years. In terms of advice to students- I would say that you need to be organised in terms of assignments and reading. Work hard, persevere and don't be afraid to ask for support if you need it.

Key Fact

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



Course Info

CAO Points 2022: 521

Course Length: 4 Years

Course Director: Dr Luke Danagher

Enquiries

Email: Law@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

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.

English: O6/H7

2nd language: O6/H7 or H4 for language

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.

Maths: F6/O6/H7

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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

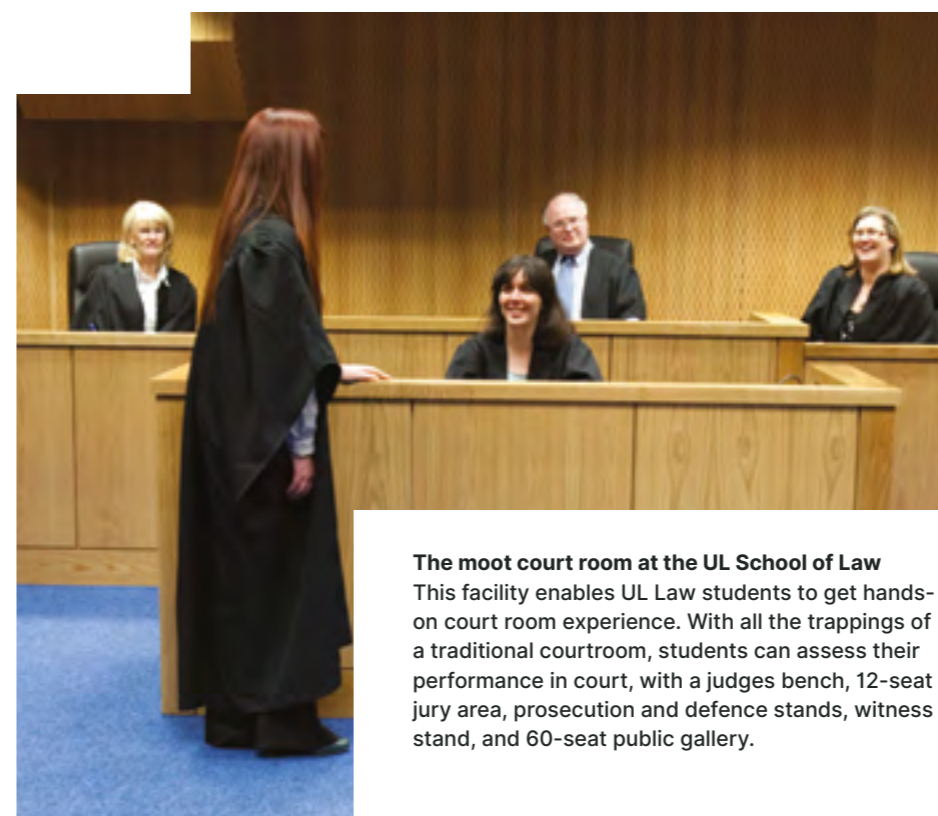
A legal education gives you a number of career options. You may decide to enter the legal profession or you may engage in further study and become an academic. These are not the only options, as a law degree will give you a rich and invaluable education which may also interest those who intend to pursue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

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 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.



Course Info

CAO Points 2022: 440

Course Length: 4 Years

Course Director: Dr. Kathryn Hayes

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

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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 multimedia 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 digital publishing and editing software programmes including 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. 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:

- Multimedia 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

LM039 Online

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



Graduate Profile

Cathal O'Sullivan

I was drawn to journalism as a career because I like that journalists help people who aren't in a position to have their stories heard and amplify them. From a young age, I was inquisitive and wanted to get to the heart of big stories.

My work placement had an extremely positive impact. I was placed with Newstalk and I am now working there four years later as a production assistant. My role is varied and involves research and programming. My degree built up the skills I use now daily. Studying journalism at UL allows students to grow, develop, and find their voice. It taught me to persevere and get to the heart of the story. The Limerick Voice project was an excellent experience and it stands to me to this day, especially on some of the broader campaigns I have been involved in.

In any media organisation, the newsroom is the hub. Journalism students have their own dedicated newsroom as well as radio and TV studios. At UL, journalism lecturers and their students have a great connection; our lecturers knew each of us by name. Each lecturer has their own amazing experience across different media organisations and their advice was priceless.

I would recommend the BA in Journalism and Digital Communication to anyone who is curious, creative and has an interest in the stories that influence the world around us.

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.

Course Info

CAO Points 2022: 400

Course Length: 4 Years

Course Director: Dr. Xose Boan

Enquiries

Email: xose.boan@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)

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

Maths: F6/O6/H7

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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?

For Ireland, the departure of the United Kingdom from the European Union, commonly known as Brexit, has resulted in 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 European Union 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 LM040 Bachelor of Arts in European Studies NFQ Level 8 Major Award Honours Bachelor Degree Céim Baitsiléara sa Léann Eorpach 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

New entrants to 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.

The BA in European Studies is a four-year programme. Six semesters, including all of the first and final years, are spent in UL. A further two semesters, in the spring of Year 2 and autumn of Year 3, are spent off-campus on the ERASMUS + programme and on the Cooperative Education programme, which provides work experience. From the beginning of your degree programme, you will follow a core European Studies module stream, a stream of language modules in either French, German or Spanish and, in addition, three disciplinary subjects chosen from European History, Sociology, Law, Politics, Economics or Marketing, European Literature & Film or a second language (incl. Irish). Spanish and German are offered at Advanced and at Beginners' Level, with these streams being integrated in Year 3. The European Literature & Film stream allows students to acquire the necessary prerequisite ECTS points to enter the Professional Masters in Education (PME) in order to train as a language teacher in Irish secondary schools.

* 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 process of European integration continues over the coming years.

Follow-On Study

Many graduates of the BA in European Studies go on to do postgraduate studies 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 this can lead naturally to one of the many related Masters degrees such as UL's Double Degree MA in European Studies (in cooperative education 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 placement 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 Coop, I know what is expected of me as an employee, and what it is like to work in a professional environment.

Key Fact

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



Course Info

CAO Points 2022: 403

Course Length: 4 Years

Course Director: Annie Girardin-Halpin

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

Maths: F6/O6/H7
Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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 Law, 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 Law, 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, Law, 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/law/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 throughout the programme. 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), Law, 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. 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

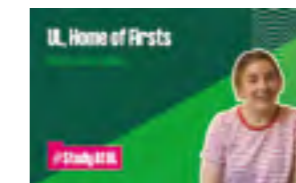
Careers open to you with a degree in Applied Languages include:

- 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.

LM044 Online

The student experience



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.



Graduate Profile

Rían Murphy

I am a graduate of the BA in Applied Languages, currently working as a conference interpreter for the interpreting services of the European Commission in Brussels. My working languages are Irish, French and German, all of which I interpret into English.

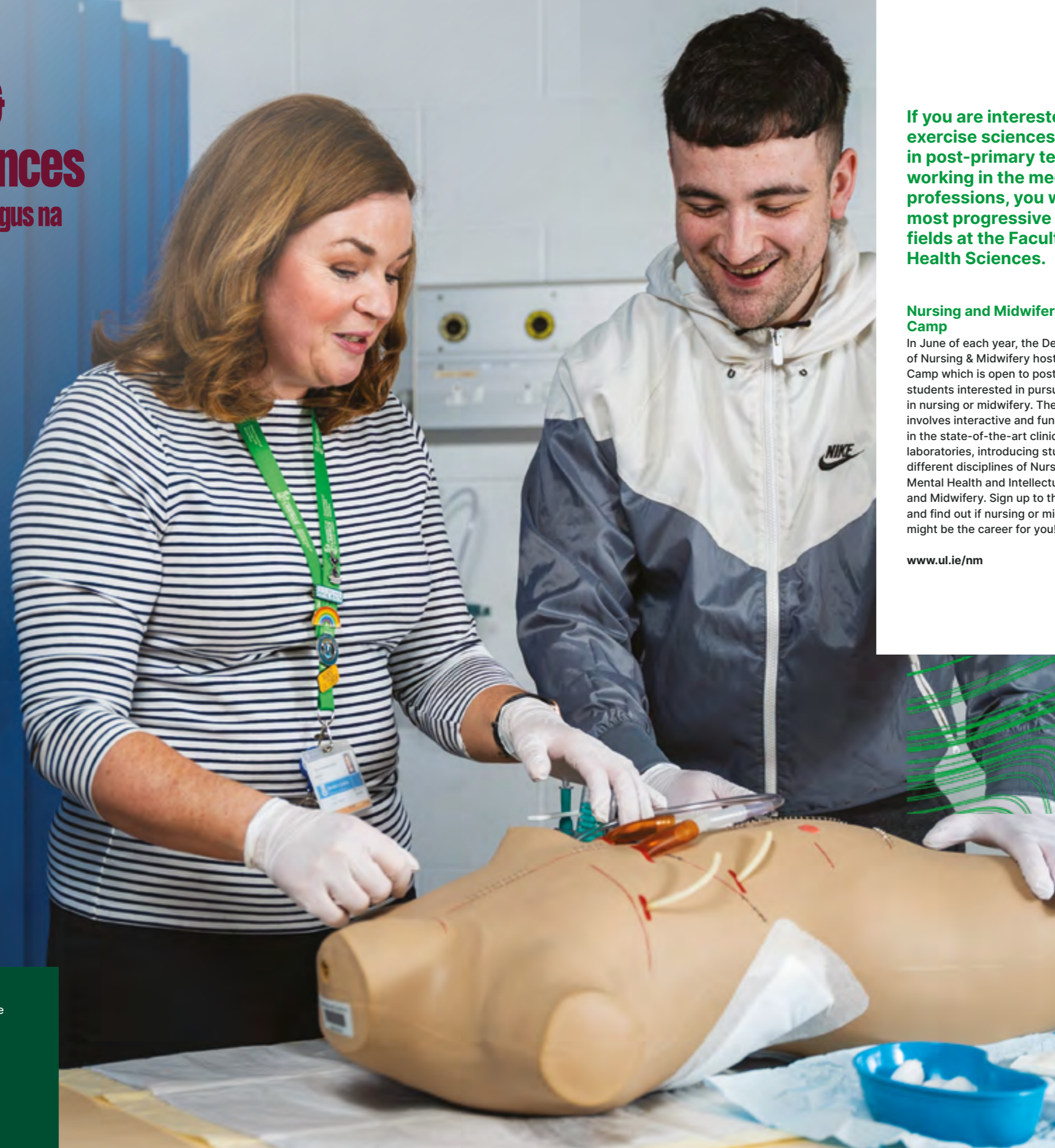
I chose UL because I was interested in Erasmus and international work placement and liked that students learn through their target language. I thoroughly enjoyed my four years in UL, including one year spent abroad split between France and Germany.

The quality of teaching and the language skills of my classmates constantly impressed me. The course itself was very enjoyable while being challenging. While there is a focus on language learning and enhancement, equal emphasis is placed on the countries where the languages are spoken including their histories, politics, cultures, economics and art. I was supported in my learning by lectures, tutorials, language-buddy programmes, and by the opportunity to spend two semesters abroad. This element was essential for me in terms of my career path. As an interpreter I do not just need to have linguist knowledge, I also need to have a good understanding of culture, politics, economics and more. I was also first introduced to translation and interpreting at UL, two fields that I instantly took a shine to. I eventually settled on interpreting and I haven't looked back since.

I would absolutely recommend the course to any prospective students who are interested in learning languages and immersing themselves in other cultures.

Faculty of Education & Health Sciences

Dámh an Oideachais agus na
nEolaíochtaí Sláinte



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

Key Fact

University of Limerick is ranked in the top 175 for education programmes

*source: THE World Rankings 2021

Course Info

CAO Points 2022: 510

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

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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.

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

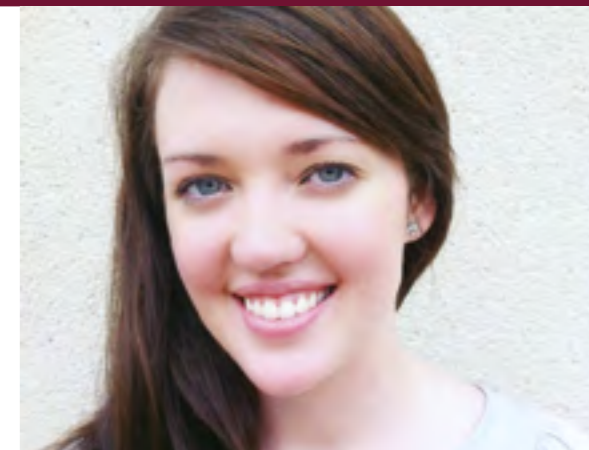
As an accredited undergraduate Psychology programme, this BA degree will allow you to progress in a range of careers in Psychology. This includes eligibility to apply for entry to the Doctor of Clinical Psychology course at the University of Limerick, and other such doctoral programmes leading to qualifications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

Follow-On Study

Related postgraduate courses in UL include:

- MA Psychology
- MSc Psychology
- 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.



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

Course Info

CAO Points 2022: 498*

Course Length: 4 Years

Course Director: Dr Ian Sherwin

Enquiries

Email: pess@ul.ie

Tel: 00 353 61 202761

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

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

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

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
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

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

Postgraduate research training in areas such as exercise physiology, genetics and exercise, diabetes and exercise, osteoporosis, muscle repair, growth factors, biomechanics and psychology of physical activity at UL and at other universities in Ireland, UK, Australia, Canada and USA.

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



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 coop 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.

Key Fact

UL is ranked in the top 100 worldwide in Sports-related Subjects (Source: QS World University Rankings 2022)



Course Info

CAO Points 2022: 543*

Course Length: 4 Years

Course Director: Prof 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 place

Entry Requirements

Min requirements: 2 H5 & 4 O6/H7

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.

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

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

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

Is there a QQI/FET entry route?

Yes, approximately 5% of places can be assigned to students through the QQI/FET entry route. For more information see: <https://www.ul.ie/academic-registry/future-students/pathways-ul/qqi-fet-awards> Please note the specific awards/modules that need to be undertaken for LM090.

In addition to the entry requirements for LM090 outlined in the QQI/FET booklet, it is desirable that candidates hold at least a Higher Grade H4, or an approved equivalent, in the relevant Leaving Certificate subject that they wish to undertake as their elective subject (i.e. English, Irish, Geography, Maths). The approved equivalent for Maths is a distinction in QQI Mathematics for Stem (5N0556).

All applications for admission under the QQI entry pathway must be made through the Central Applications Office (CAO).

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 BSc 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.



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 staidéar ar theanga agus ar litríocht na Nua Ghaeilge agus ar bhéaloideas na hÉireann. Leagtar béim faoi leith ar chabhúrú le mic léinn a gcumas Gaeilge a fhorbairt agus a thabhairt chun cruinnis. Chuige sin bheifí ag súil go dtapódh mic léinn na Gaeilge deiseanna éagsúla le tréimhsí a chaitheamh sa Ghaeltacht le linn na céime. Déantar obair an chúrsa céime seo trí mhéan na Gaeilge.

Prior to completion of your teacher education studies, applicants should provide verifiable evidence of an immersive educational experience in Gaeilge of a minimum of four weeks duration.

This may be accessed in two blocks, each of which must be at least two weeks. At least one of these blocks must be in a Gaeltacht setting with the

option of one block in an Irish medium setting. Students are responsible for securing and completing these immersive educational experiences themselves.

The immersive educational experience(s) must be one of the following:

- attending an Irish language course
- working as a staff member in an educational setting in the Gaeltacht
- conducting an action research project which is of relevance to their teaching studies
- engaging in School Placement.

Geography

The geography programme provides an in-depth understanding of the processes shaping both human and physical environments and considers how we can meet the urgent need to live in a way which is sustainable. Through lectures, tutorials, labs and fieldwork students gain the skills to think like geographers and in this way learn to stimulate a curiosity about the world in their future post-primary pupils.

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.

Career Opportunities

Careers open to you with a degree in PE include;

- PE teacher in secondary school
- English/Irish/Geography/Maths Teacher in Secondary school
- Third level Lecturer
- Sports Development officer

The BSc in Physical Education is designed to qualify graduates as teachers of Physical Education along with a second subject (English, Gaeilge, Geography and Mathematics) in Irish Post-Primary Schools. Graduates of the programme are qualified to teach Physical Education and their second subject to Leaving Certificate level.



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.

Course Info

CAO Points 2022: 518

Average Intake: 20

Course Length: 4 Years

Course Director: Michaela Hayes and Blathnaid Breslin

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)
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

Maths: F6/O6/H7

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways:

- Mature Pathways: Please refer to the online course page.
- QQI Pathways: Please refer to the online course page.

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 a ten 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 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. Students are responsible for securing and completing these immersive educational experiences themselves; students may apply for internal or external funding.

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.

Student Profile

Meghan Ní Laighin

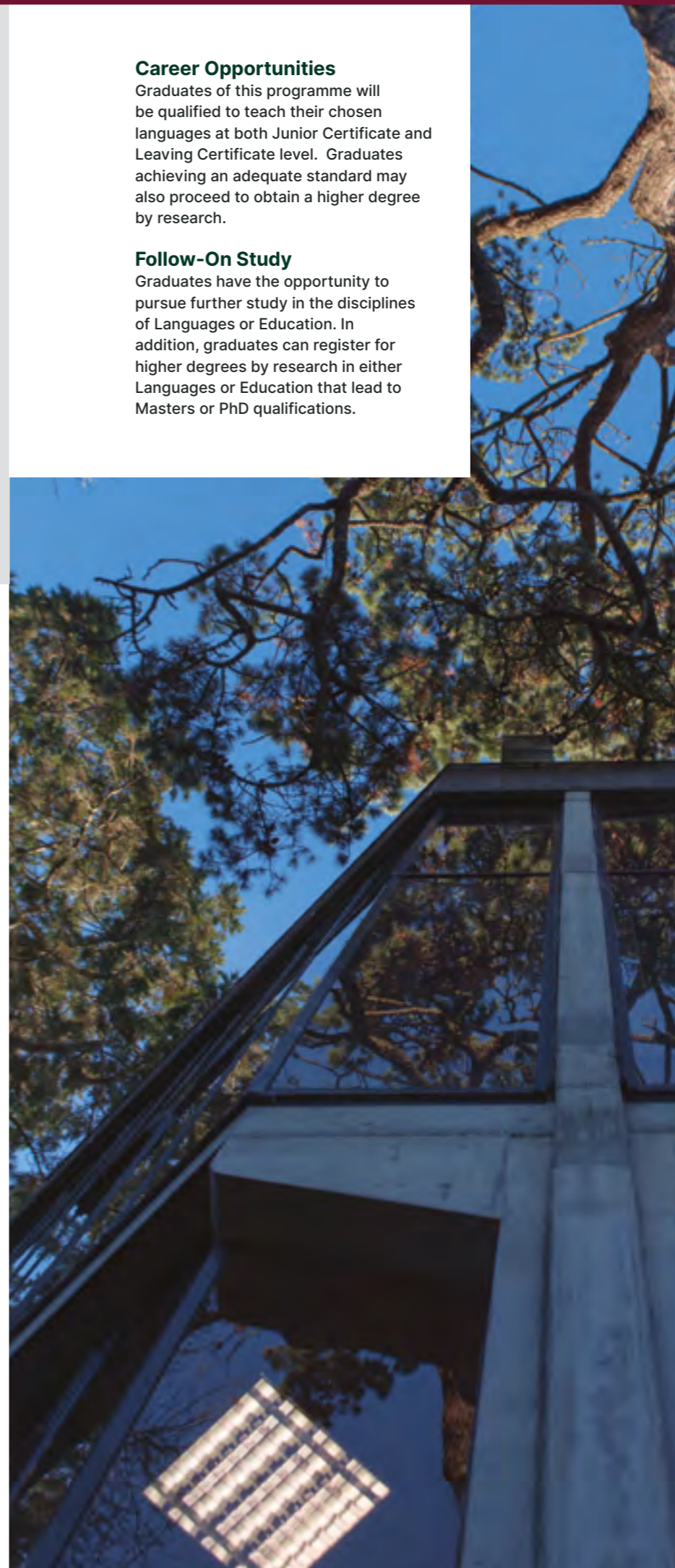
The Bachelor of Education in Languages course provides a unique opportunity to study education and languages simultaneously, which catered to my interest in both areas. Studying education within this course has been both challenging and rewarding and has developed my confidence as a teacher. I particularly enjoyed the diverse attitude towards teaching that this course aims to create in its students through fascinating modules such as Inclusive Education and Educational Technology. As a future teacher, I feel more than confident in my ability to conquer all aspects of the classroom, notably due to the school placement experiences offered by this course. Although a daunting prospect, this course ensures students feel confident entering the ever-changing world of teaching while also providing various other career opportunities.

I also particularly appreciated the diverse approach to language learning here at UL. This course guarantees that language learning is not limited to the classroom. Each module aims to expand cultural knowledge and understanding as well as linguistic ability, fostering a love for languages and a rich educational experience. My fluency has improved through both timetabled classes and supportive resources such as discussion groups with native speakers in the Language Learning Hub, our exclusive study space here at UL.

The variety in both content and assessment in this course creates a uniquely personal university experience, caters to your individual learning style and provides endless career path opportunities and I have loved every minute of it, both on and off campus.

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 (Education) in Biology with Physics or Chemistry or Agricultural Science

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Eolaíochta (Oideachas) sa Bhitheolaíocht le Fisic nó Ceimic nó Eolaíocht Talmhaíochta

Course Info

CAO Points 2022: 521

Course Length: 4 Years

Course Director: Dr Regina Kelly

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

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.

Science: O4/H7 grade in at least one of the following: Biology; Physics; Chemistry; Physics with Chemistry; Agricultural Science; Technology; Design and Communication Graphics/Technical Drawing

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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;

- Leaving Certificate Biology
- Leaving Certificate Physics or Leaving Certificate Chemistry or Leaving Certificate Agricultural Science
- Junior Cycle Science

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.

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. There are two periods of school placement during the course.

The first, of ten weeks, occurs in Year 2, and the second, of ten weeks, occurs in Year 4. During school placement, you will be supervised by an academic staff member and undertake assigned coursework.

Throughout the four years, there is a strong emphasis on acquiring practical scientific skills through laboratory work, field work and assignments. 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). This ensures that graduates are thoroughly prepared for the totality of science education in Irish schools which is well aligned with international best-practice.

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

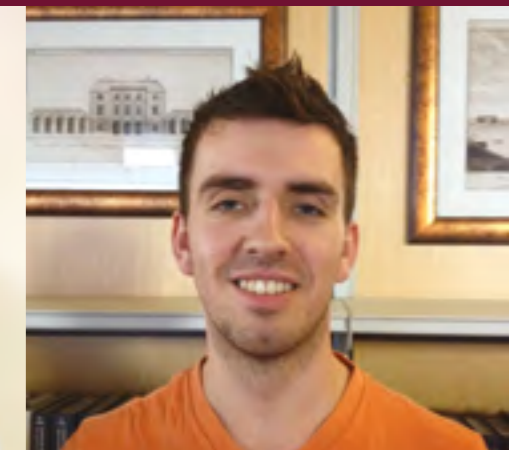
A Day in the Life Of... a Science Teacher

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.



Course Info

CAO Points 2022: 488

Course Length: 4 Years

Course Director: Dr Trevor Hickey

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

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.

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; Design & Communication Graphics / Graphics.

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: Mature Pathways: Please refer to the online course page. QQI Pathways: Please refer to the online course page.

About You

If you are interested in teaching design-based activities within the technological subjects Materials Technology (Wood), Graphics, Design and Communication Graphics and Construction Studies, and enjoy working with people, then this course may be for you.

Why study Bachelor of Education in Graphics and Construction 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

- Technology
- 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
- Wood Technology
- Design & Communication Graphics
- Subject Pedagogy

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, Graphics, and Mathematics. In year three and four you will continue to study Education as well as 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.

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.

- MSc in Sustainable Energy System Management

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 Wood Technology and Graphics at Junior Cert level and Construction and Design & Communication Graphics and Leaving Cert level.



Course Info

CAO Points 2022: 442

Course Length: 4 Years

Course Director: Joseph Phelan

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

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.

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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 Graphics, Engineering and 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 second level school system in relation to teaching Engineering, Graphics and Technology at Junior Cycle, and Technology, Engineering and Design & Communication Graphics at Leaving Certificate.

What you will study

The programme is four years in duration, and offers streams in the following subject areas:

- Education
- Manufacturing Technology
- Technical Graphics
- Design
- Electronics and Information Technologies
- Materials and Engineering Sciences

The material in each stream has been carefully selected to be relevant to the requirements of the Leaving Certificate and Junior Cycle in the Technology subjects. An element of design is incorporated throughout, with emphasis on design-based activities and independent learning as the course progresses. Pedagogy, the theory of teaching, is incorporated throughout the programme. You can avail of dedicated design and manufacturing facilities where you will develop your understanding of teaching in an applied environment, using mechanical design, manufacturing and robotics.

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 ten 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

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 programme is accredited by the Teaching Council of Ireland.



Course Info

CAO Points 2022: 455

Course Length: 4 Years

Course Director: Dr Regina Kelly

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

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.

Science: H4 in at least one of the following: Physics; Chemistry; Physics with Chemistry; Engineering and Applied Mathematics

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: Mature Pathways: Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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

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). This ensures that graduates are thoroughly prepared for the totality of science education in Irish schools which is well aligned with international best-practice.

There are two periods of teaching practice placement during the course. The first, of ten 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

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.

Course Info

CAO Points 2022: 465

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

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.

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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.



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.

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.

Course Info

CAO Points 2022: 601*

Course Length: 4 Years

Course Director: Dr Cliona O'Riordan

Enquiries

Email: clionaoriordan@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

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.

English: O6/H7

2nd language: O6/H7

Maths: F6/O6/H7

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

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

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

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.



Course Info

CAO Points 2022: 56*
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

* Indicates that not all applicants who scored these points were offered place

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



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	Year 2: Autumn/Spring
Knowledge of Health & Illness 1	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.

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)	Medicine 2 (9 weeks)
Paediatrics (6 weeks)	Surgery 2 (9 weeks)
Psychiatry (6 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!

Course Info

CAO Points 2022: 531

Course Length: 4 Years

Course Director: Dr Ann-Christin Posten

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

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

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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

year research project. Our aim is to instil in our students a curiosity and appreciation of the many different aspects of the discipline and provide you with the critical thinking and practical research skills to study the world from a psychological perspective.

LM102 Online

Want to know more? Go to:
www.ul.ie/courses/bachelor-science-psychology

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.

Career Opportunities

Careers open to you with a degree in Psychology include:

- Clinical Psychology
- Occupational Psychology
- Sports Psychology
- Educational Psychology
- Counselling Psychology
- Psychological Research

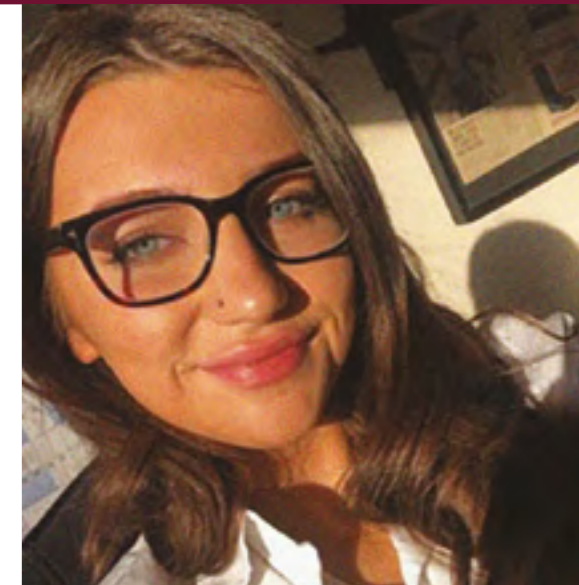
Psychology graduates go into a range of careers on graduation. Many become professional psychologists having careers in clinical, educational or occupational psychology.

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 Caoimhe Moloney

This course provides a well-rounded educational experience that extends beyond the confines of the lecture halls. I had the privilege of participating in practical, hands-on learning opportunities, such as the work placement programs. During my work placement, I was afforded the opportunity to work directly within the University's psychology department, where I gained invaluable insights into the practical applications and research methodologies that are used within the field. It was an incredible learning opportunity to be immersed in an environment where I could observe and learn from professionals who are passionate about their work.

This experience was further complemented by UL's practical approach to teaching research methods, providing weekly lab sessions where students can receive one-to-one assistance from lecturers. Through this approach the program provides a comprehensive and engaging introduction to research methods, starting from the basics and gradually building to more advanced topics, allowing me to gain a strong foundation in research methodology and preparing me to carry out my own research project in my final year.

Overall, my experience of the psychology program has been extremely rewarding, and I believe that UL is the perfect place to study this fascinating field. With amazing facilities, a supportive community, making it the perfect environment for learning and personal growth. Also not forgetting U.L.'s campus is one of the most scenic in Ireland that is both beautiful and picturesque, making it the perfect place for walking with friends and catching some fresh air between classes!



Course Info

CAO Points 2022: 380*

Course Length: 4 Years

Course Director: Mr. Frank Keane

Enquiries

Email: paramedicstudies@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: 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
 - 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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

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
- Pre-Hospital Research

A range of teaching methods will be used throughout the programme. Lectures, clinical skills workshops, Problem Based Learning (PBL) and e-learning will all be used. Teaching will also be supported by through various simulation technologies and the university's virtual learning platform (VLE) BrightSpace.

Year 1

PBL 'problems' are highly structured hypothetical clinical cases, each of which takes a week to work through. Students are divided into PBL groups, each with its own tutor in a tutorial room where the problem is worked through. 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.

Hand in hand with PBL, will be the learning and assessment of the clinical skills necessary to function as a Paramedic. These too, will be done in small groups and will also be linked to the clinical case(s) being studied during the week in question.

By way of underpinning knowledge, lectures will be delivered which will also be built on during the other learning activities of the week.

Clinical and other support placements

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.

Year 2

As part of your learning experience, and to meet regulatory requirements, Year 2 of the programme is a compulsory internship working on a frontline ambulance. This internship is carried out with a regulator approved placement provider. Study will be ongoing throughout year two as will the logging of patient contacts on a digital platform. Please note that this is a salaried internship.

Year 3

Year 3 is delivered in a blended learning format while also including some problem based learning. You will spend one week per semester on campus while also undertaking some online learning and attending mid-module meetings in each semester. An introduction to research principles and practices is delivered.

Year 4

Year 4 is delivered in a blended learning format with further emphasis on research principles. Personal

professional development and mentorship are among the topics covered. Group assignments and individual presentations will be delivered (some on campus and others online). One week per semester will be spent on campus with further support through mid semester meetings and attendance at online journal clubs.

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.

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)

LM103 Online

Want to know more? Go to: www.ul.ie/gems/para



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.



Course Info

CAO Points: New Programme

Course Length: 4 Years

Course Director: Dr Katie 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

Maths: F6/O6/H7
Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.

English: O6/H7

2nd language: O6/H7

Science: O3/H7 in any one of the following: Physics, Chemistry, Physics with Chemistry, Biology, Physical Education, Agricultural Science

Additional info:

- Student Vetting
- Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.



About you:

If you are the type of person who enjoys working with people in a client-centred way to promote their health and well-being; and would like a practical and stimulating career with opportunities to work in health, social care, school, community and non-traditional settings then this program might suit you.

Why study occupational therapy at UL?

A graduate entry MSc program in occupational therapy has been offered at the University of Limerick for many years. This new BSc in occupational therapy program due to commence in 2024 is designed to prepare graduates who will be competent, reflective and evidence-based practitioners. Interprofessional education is incorporated throughout the programme and there will be opportunities for you to engage in shared learning with other allied health students at the University of Limerick.

Please note that this programme will make an application for approval by Occupational Therapists Registration Board, CORU. There is no guarantee that the programme will be approved.

What you will study

The Bachelor of Science in Occupational Therapy is a four-year degree programme which includes a total of 1000 hours of practice education placement completed at various sites. In the first year of the program you will study anatomy and physiology related to human performance and human development across the lifespan. Later years include modules on occupational therapy services for children and young people, people living with mental health difficulties, musculoskeletal disorders, chronic and neurological conditions and older adults. Students will have opportunities at all stages of the program to develop professional skills including communication and advocacy skills, clinical reasoning skills and skills in the use of evidence in practice. In the final year of the program students will learn about leadership and management in health and social care and will complete a research project.

Pre-placement Health Screen and Vaccination check:

On practice education placement you will be considered 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 and the purchase of uniforms for placement will incur costs to the student. Please note that practice education placements take place at a variety of sites nationally and will incur additional costs for students of travel and accommodation.

Frequently Asked Questions

What can I do to ensure I have chosen the right career?

Occupational therapy is a wide ranging and varied profession, and you are strongly encouraged to seek some work experience in a setting where occupational therapists work (e.g. primary care, hospital, mental health services, older adult services) to help inform your decision.

You can read more about occupational therapy: <https://www.aoti.ie/what-is-ot>

How many places are there on the programme?

Initially there will be 20-25 places available, which includes 1-3 places for mature entry students.

Where do students undertake their practice education placements?

Students are required to complete a minimum of 1000 hours on practice education placement as part of the degree programme. There are 4 practice education placements embedded through the programme which take place in a variety of sites nationally as required, to ensure that all students have a breath of experiences.

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.

Course Info

CAO Points 2022: 409*

Course Length: 4 Years

Course Director: Dr Frank Nugent

Enquiries

Email: ncef@ul.ie
pess@ul.ie

Tel: NCEF 00 353 61 202829
or PESS 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

Note: In addition to the minimum entry requirements, the following QQI Level 5 majors/awards are acceptable in fulfilling entry requirements. Distinctions must include a distinction in one from the list linked to the relevant award as outlined below:

Awards/Majors: QQI Sports, Recreation and Exercise Level 5 (5M5146) • QQI Sports, Recreation and Exercise Level 6 (6M5147) • QQI Laboratory Techniques Level 5 (5M3807) • QQI Community Health Services Level 5 (5M4468)

English: O6/H7

2nd language: O6/H7

Maths: O6/H7

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

Additional info: • Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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?

Graduates of the BSc 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 two core specialisms in Year 2: Advanced Personal Training and 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 cooperative 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 compliments 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.

There may be opportunities for Erasmus on this programme. <https://www.ul.ie/global/erasmus/projects>

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
- MSc in Mental Skills and Mental Health in Sports and Exercise
- MSc Occupational Therapy (Professional Qualification)
- MA in Business Management
- Professional Master of Education Physical Education

Student Profile

Daniel Hiam

I joined the first cohort of students on LM105 BSc in Exercise & Health Fitness Management in 2021/22. This course has been a great addition to my previous health and fitness knowledge and has helped me shape the idea of what type of Fitness Professional I want to be. Throughout the first year, we have had a mixture of theoretical and practical modules, with the emphasis on practical instructing. We have covered Resistance Training, Exercise to Music, Step Aerobics, Body Conditioning and Circuit Training, and after passing our Year 1 exams, we will have the skills and knowledge to instruct these classes in the real world. I believe I am much more capable to take on any kind of client in a group or one-to-one setting than I was before doing the practical modules and the first year of LM105. The theoretical side of 1st Year gives an insight into biology and kinesiology, gym management and overall health and wellbeing. These modules have helped me understand how to cater for my clients needs, understand how bodies react to different stresses and stimuli and how to maintain and improve overall health and wellbeing in all populations, from general populations, older adults, and people with medical conditions, to athletes.

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.



Course Info

CAO Points 2022: 463

Course Length: 4 Years

Course Director: Dr Claire O'Donnell

Enquiries

Email: nm@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 and Chemistry; or Agricultural Science.

- Additional info:
- Student Vetting
 - Fitness to Practise

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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 must apply directly to NMBI to take the 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. 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 discipline of nursing practice that involves caring for people with acute and long-term conditions in hospital and community settings. 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 care. 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) programme 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 The Nursing and Midwifery Board of Ireland (NMBI) and practise as a Registered General Nurse (R.G.N.).

What you will study

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, in the community, and in the private sector in Ireland, The EU and outside the EU.

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.

- MSc Nursing
- MSc Nursing (Peri-Operative Care)
- MSc Nursing (Palliative Care)
- MSc Nursing (Older Person)
- MSc Nursing (Dementia Care)
- MSc Nursing (Respiratory Care)
- MSc Infection Prevention and Control Leadership
- MSc Advanced Practice (Nursing)
- Postgraduate Certificate Advanced Practice (Nursing)

LM150 Online

Want to know more? Go to: www.ul.ie/courses/LM150.html



Key Fact

This programme provides you with the knowledge and experience to contribute effectively in community and health care services.

Course Info

CAO Points 2022: 393

Course Length: 4 Years

Course Director: Dr. Louise Murphy

Enquiries

Email: nm@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

Alternative entry pathways:
Mature Pathways: Please refer to the online course page.
QQI Pathways: Please refer to the online course page.
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 must apply directly to NMBI to take the 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. 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

Career Opportunities

The BSc 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. Upon registration with NMBI, there are many different employment and career opportunities available to Registered Psychiatric Nurses (RPN). On registration nurses can work as a staff nurse in inpatient and community settings. Nurses can also specialise and become a Clinical Nurse Specialist (CNS) or Advanced Nurse Practitioner (ANP). Specialist areas include, for example, Child and Adolescent Psychiatry, Addictions, Forensic Psychiatry. 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

- MSc Perinatal Mental Health
- MSc Nursing (Psychosocial Interventions in Mental Health Care)
- MSc Nursing (Older Person)
- MSc Nursing (Dementia Care)
- MSc Nursing Advanced Practice

Go to www.nm.ul.ie to find out more.

LM152 Online

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.



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 BSc 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 and 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.



Course Info

CAO Points 2022: 351

Course Length: 4 Years

Course Director: Rosemary Lyons

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

Alternative entry pathways:

Mature Pathways: Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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 must apply directly to NMBI to take the 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. 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

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 and Midwifery in conjunction with AVISTA a service that supports people with disabilities. 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

Want to know more? Go to:
www.ul.ie/courses/LM154.html



Student Profile

Caoimhe Mohally

I chose this course because there was a strong mix of both theory and practice based learning. Placement occurs every year of the course. Throughout the 4 years you are able to put into practice the skills learnt in lectures and in the clinical skills labs and then out on placement in both community and residential settings.

During this course you will also meet other cohorts while on placement or in the Health Science Building and everyone works together creating a lovely atmosphere and becoming colleagues once graduated. I thoroughly enjoyed this course. UL gave me the skills and competence to work with people with an intellectual disability.

Key Fact

This programme provides you with the knowledge and experience to contribute effectively in community and health care services.



Course Info

CAO Points 2022: 466

Course Length: 4 Years

Course Director: Dr Barbara S Lloyd

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 233653

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

Alternative entry pathways:

- Mature Pathways: Please refer to the online course page.
- QQI Pathways: Please refer to the online course page.

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 must apply directly to NMBI to take the 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. 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 Cnámhseachais na hÉireann
 Tel +353 (0)1 6398500 Website www.nursingcareers.ie

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

Want to know more? Go to: www.ul.ie/courses/LM156.html

Graduate Profile

Anna McNerney

Studying Midwifery in the University of Limerick opened up a world of possibilities for me that I never knew I could experience on my own doorstep. While training during a pandemic was never going to be easy, the college and clinical experience was still memorable. Having clinical placement from early on in first year is so important to gain exposure to the type of care a midwife provides. Midwives provide holistic care to women and babies during the continuum of pregnancy. It is a unique and very special role to play in someone's life and as student midwives providing this care, under supervision, is highly rewarding and fulfilling. Advocating and being a voice for women is an empowering role for student midwives to play. I was helped to find my voice for the women I look after through the NMBI student midwife debate of 2022, representing UL.

UL offers a range of state of the art clinical skill facilities and laboratories. This allows students the opportunity to improve and practice skills vital to providing holistic care to pregnant women. Midwifery revolves around providing evidence-based care, UL provides second-to-none research skills and opportunities to students from the beginning of the course. I was provided with the opportunity to work on a research project with lecturers within the faculty, that set me up for life with skills in research. If like me you are interested in forming connections, advocating for women and providing care to people at some of the happiest and yet most vulnerable times of their lives, then midwifery is most certainly is the course for you!

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.

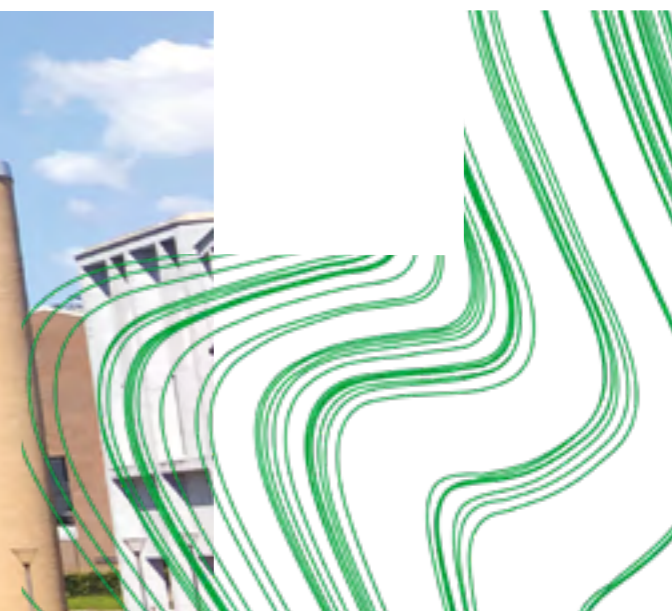


Irish World Academy of Music and Dance

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 is located on the north bank of the River Shannon, at the foot of the Living Bridge, which links the northern and southern sides of the campus. The Academy houses state-of-the-art performance spaces, dance studios and rehearsal rooms where dancers, musicians, composers, singers, researchers and choreographers create, perform and explore creative practice in music, dance and related areas.



Course Info

CAO Points 2022: New Programme

Course Length: Four Years

Course Director: Dr Niall Keegan

Enquiries

Email: niall.keegan@ul.ie

Tel: 00 353 61 202465

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

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

Other: Applicants must pass an interview/audition.

Additional info: • Student Vetting

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.
 Certificate entry route also available via Certificate in Music and Dance.

About You

If you are an Irish traditional musician or singer 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 Comhaltas or London College etc.).

Why study Irish Music at UL?

This programme will allow you to develop your performance skills and also 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 cooperative 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 of the course will focus and develop your own traditional music practices in weekly classes, masterclasses from visiting performers, ensemble work as well as begin music theory and keyboard classes. You will also be introduced to critical academic engagement with classical, popular, traditional, contemporary, world music and dance through a performative lens.

From second year onwards, you will deepen your focus on Irish Music. Students will undertake additional specialist modules in Irish music and dance studies and ethnomusicology as well as focusing on vocational issues in technology, business and education.

Frequently Asked Questions

Q: Can a complete beginner do this course?

A: You need to have experience in performing Irish music as an instrumentalist or singer before embarking on this course. We look for a level of competency and stylistic engagement in the performance auditions

Q: Do I have to be able to perform in other genres represented at the Academy (e.g. classical music)?

A: No. In the case of Irish music you need to show proficiency in that area. However, an open mind and a willingness to engage with other genres and disciplines is also a requirement.

Q: Do I share the same course as students in other disciplines?

A: You do take academic and vocationally focused modules with students from the other BA programmes (both dancers and musicians) and you have the opportunity to choose to engage other performance genres apart from Irish music in a performance module every semester on campus.

Q: What teachers will I have?

A: Each student receives weekly classes from highly accomplished musicians with extensive teaching and performance experience for their main performance area.

Master classes are also provided by visiting professional musicians throughout each semester

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. We require our traditional musicians to perform three sets or pieces of their own choosing and you must perform reels. We require traditional singers to perform three songs of their own choosing.

Further information can be found at www.irishworldacademy.ie

Follow-On Study

- Master of Arts Irish Traditional Music Performance
- Master of Arts Composition and Creative Music Practice
- Master of Arts Irish Music Studies
- Professional Master of Education (both primary and second level)
- Master of Arts in Music Therapy
- Master of Arts in Community Music



Graduate Profile

Seán Kelliher, BA

BA Irish Music Graduate

The BA in Irish Music was the perfect choice for pursuing my career as a traditional Irish musician and teacher. I chose this course because there was a specific traditional Irish music pathway within the degree which no other course in the country had to offer.

The vibrant student life at the University of Limerick was also extremely appealing, with its state of the art facilities, amenities, clubs and societies. I was very lucky to be surrounded with such high end facilities within the building which I got to use each week during my studies.

The course itself helped me grow as a performer and teacher immensely, and really set me up for the real world once I graduated. Each week, not only did I attend numerous lectures, tutorials, ensemble classes and electives, but I also had weekly one on one classes with some of the leading names in Irish music performance and tuition. I found this aspect of the course extremely worth while as I gained so much knowledge from these people that will stand to me for the rest of my life.

Currently, I am touring the world with my band '3 on the Bund', made up of 4 academy alumni which we formed in 2019, during our time in the course. I am teaching music on a weekly basis at home in Co. Kerry both privately and in group settings. Most recently, I co-founded a new initiative called 'Kingdom Trad Orchestra' which we run weekly throughout the year.



Course Info

CAO Points 2022: New Programme
Course Length: Four Years
Course Director: Dr Breandán de Gallaí

Enquiries

Email: Breandan.DeGallai@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 <small>Note: Grade F6 in Foundation Mathematics also satisfies the minimum entry requirements. Foundation Maths is not reckonable for scoring purposes.</small>
Other:	Applicants must pass an interview/audition.
Additional info:	• Student Vetting
Alternative entry pathways:	Mature Pathways: Please refer to the online course page. QQI Pathways: Please refer to the online course page. Certificate entry route also available via Certificate in Music and Dance.

About You

If you are a traditional Irish 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 dance educational background (i.e. grade examinations such as those offered by the various Irish dance governing bodies: An Coimisiún Le Rincí Gaelacha; Comhdháil na Múinteoirí le Rincí Gaelacha; Cumann Rince Naisiunta; etc.)

Why study Irish Dance at UL?

This programme will allow you to develop your performance skills. You will also be able to develop your scholarly knowledge and enquiry around traditional Irish dance. 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 cooperative 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 of the course will focus and develop your own traditional dance practice in weekly classes, masterclasses from visiting performers, ensemble work, as well as being introduced to other dance practices such as contemporary dance and ballet. You will also be introduced to critical academic engagement with classical, popular, traditional, contemporary, world music and dance through a performative lens.

From second year onwards, you will deepen your focus on Irish dance. Students will undertake additional specialist modules in Irish music and dance studies and ethnomusicology/ethnochoreology as well as focusing on vocational issues in technology, business and education.

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: What teachers will I have?

A: Each student receives weekly classes from highly accomplished dancers with extensive teaching and performance experience for their main performance area.

Master classes are also provided by visiting professional 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 cooperative 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. We require our traditional dancers to perform either:

Competitive style: 3 pieces, one hardshoe, one soft-shoe and one of your own choice in any style **or** Sean-nós: 3 pieces – one reel time percussive piece, one percussive piece in another rhythm, one of your own choice in any style.

Further information can be found at www.irishworldacademy.ie



Course Info

CAO Points 2022: New Programme

Course Length: Four Years

Course Director: Dr Grant McLay

Enquiries

Email: Grant.McLay@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

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

Other: Applicants must pass an interview/audition.

Additional info: • Student Vetting

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.
 Certificate entry route also available via Certificate in Music and Dance.

About You

The BA Contemporary Dance programme is designed to develop your contemporary dance skills and knowledge of your dance practice, as well as to include other forms of artistic expression. 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. You will also be able to develop your scholarly knowledge and enquiry around your discipline. Importantly, you will be introduced to various dance and performance approaches and scholarly traditions in order to gain new insights into the worlds of dance and the performing arts, 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. Students are asked to bring a curiosity, questioning and a reflective attitude that will enhance your pre-professional practice. Applicants will be required to be proficient performers within one or more dance styles.

Why study Contemporary Dance at UL?

This programme, with over 25 hours of physical training a week, will allow you to develop your performance skills alongside developing your scholarly knowledge and enquiry around your creative practice. 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, further enhancing your creative potential. Within the Academy you have the unique opportunity of being surrounded by four other creative arts practices, Traditional Irish music, Traditional Irish dance, Voice, and World Music.

In our classes you will have the opportunity to work with local and International teachers as well as professional dance and theatre practitioners that will give you a strong performing foundation and engagement with real-world experiences.

What you will study

You will learn a range of Modern and Contemporary Dance Techniques, Choreography, Ballet and movement awareness techniques such as Yoga, Pilates and Feldenkrais. You will have the opportunity to engage with other dance practices such as Aerial Dance, Hip hop, Flamenco, and Irish traditional dance. You will gain the contextual

understanding and the critical, analytical and reflective skills which will inform your artistic practice.

In first year, you will focus and develop your performance practice and be introduced to a critical academic engagement with classical, popular, traditional and world music and dance through a performative lens. From second year onwards, in addition to continuing your physical dance training, you will undertake specialist modules in dance studies, experiential anatomy and movement analysis, research skills, arts and health as well as dance pedagogy. You will also engage in other training such as voice and acting, Dance for Camera and choreographic thinking—all skills that will add to your employability after you graduate.

In your third year, the cooperative education period allows you to construct your own work-experience, giving you invaluable knowledge about 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; teaching dance and portfolio careers which combine these elements in entrepreneurial ways.

Frequently Asked Questions

Q: Can a complete beginner do this course?

A: You need to have performing experience in a dance style/genre before embarking on this course.

Q: What teachers will I have?

A: Drawing from a faculty of industry performers and academics from around the world, as well as industry professionals and international guest artists and researchers, the programme prepares you for many different career paths. Master classes and workshops are also provided by visiting professional dance practitioners and artists 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 Cooperative 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 end of March, 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. Applicants will have the option of either completing a face-2-face or online audition process. In auditions, students need to show a good standard of performance. Both audition processes take the form of performing a prepared solo (any genre e.g. Contemporary, Hip Hop, Ballet) of no more than 2-3 minutes duration. This will be followed by the interview process (10min).

Further information can be found at www.irishworldacademy.ie



Course Info

CAO Points 2022: New Programme

Course Length: Four Years

Course Director: Dr Hannah Fahey

Enquiries

Email: Hannah.Fahey@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

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

Other: Applicants must pass an interview/audition.

Additional info: • Student Vetting

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.
 Certificate entry route also available via Certificate in Music and Dance.

About You

Are you a vocalist who would like to advance your vocal training and performance practice? In addition to developing your solo performing interests, would you like to progress your musicianship, ensemble and creative skills? Would you like to broaden your knowledge and your creative potential through a varied and professionally focused degree? Applicants will be proficient vocalists but do not necessarily have to have a formal background in music (i.e. Leaving Certificate Music or vocal grade examinations such as those from the Associated Board, Royal Irish Academy etc.). Vocalists will practically engage a variety of genre interests and may have prior performance experience in popular music, song writing, musical theatre, choral etc. Applicants will be required to demonstrate vocal proficiency at audition.

Why study Voice at UL?

This programme will allow you to develop a range of skills for professional vocal performance in a variety of contexts. You will also develop your scholarly knowledge and inquiry through engaging academic studies focused on singing and artistic practice in educational, social, community and health settings. You will have the opportunity to broaden your knowledge of performance practices and scholarly traditions in order to gain new insights into the worlds of music and dance, enhancing your creative potential. You will study a number of vocationally focused modules aimed at allowing you to translate your singing, 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 cooperative 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; performing arts facilitation; postgraduate studies; 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

You will focus and advance your vocal performance practice through individual voice lessons combined with group performance, ensemble and musicianship classes. Vocalists engaged in this course at the Irish World Academy will explore a range of vocal styles and traditions. Students enter the programme from popular (CCM), music theatre/stage school, singer/songwriter, folk, sacred or choral backgrounds (among others). You will find that the core aspects of the programme will support your development across multiple styles, broadening your singing and developing functional awareness of your instrument.

Throughout the programme you will develop key academic skills through contextual modules in areas related to your practice. First year students critically engage with classical, popular, traditional and world music and dance in academic modules shared with students on other undergraduate programmes (BA Irish Music, BA Contemporary Dance, BA Irish Dance, BA World Music). From second year, you will undertake specialist modules in vocal pedagogy and voice studies. Core modules will be taken by all students in areas such as music education and community music; arts and health; ethnomusicology and research skills; performing arts technology and professional skills for performing artists. The Academy has an unparalleled team of faculty and tutors who guide and facilitate the growth of students as vocal performers and academics.

Frequently Asked Questions

Q: Can a complete beginner do this course?

A: You need to have some vocal performance experience before embarking on this course.

Q: Do I need to have formal examinations in music or singing for entry to the course?

A: No. Any relevant examinations, theory knowledge or instrumental skill will support your application but the audition and interview process provides an opportunity for you to demonstrate your proficiency and skillset.

Q: Do musicians, singers and dancers follow the same course?

A: No, there are five undergraduate programmes • Irish Traditional Music • Irish Traditional Dance • Contemporary Dance • Voice • World Music. BA Voice students will interact with students from other undergraduate programmes in some shared academic modules and practical class spaces. Some optional classes and electives allow BA Voice students to take classes from other programmes e.g. dance classes or world music ensembles.

Q: What teachers will I have?

A: Students are taught by highly accomplished vocalists and musicians with extensive teaching and performance experience. Tutors on the BA Voice have varied professional backgrounds in musical theatre, contemporary commercial music, choral facilitation, community music, music education etc.

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 Cooperative 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 to study abroad in Semester 6, i.e. the 2nd Semester of 3rd Year. Exchange links are established with a number of international institutions.

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 vocal performance. The audition itself takes the form of a solo performance of two contrasting songs (any style/genre). The interview is an opportunity for you to tell us about yourself, your career interests and outline any relevant performance experience/skills.

Further information can be found at <https://www.irishworldacademy.ie/undergraduate/ba-voice/>

Student Profile Yordanka Tegarkova

I chose the Irish World Academy of Music and Dance at the University of Limerick, because of the reputation and graduating with a BA in Voice, my favourite aspect of the programme was the opportunity for personal development and creativity. Practical lessons, accompanied by academic classes, prepared me for multiple performance possibilities, ranging from Pop and Jazz to Classical and Musical Theatre. And that would not have been possible without the inspiring tutors and lecturers that call the Academy home.

Coming from Bulgaria, for me, UL was a leap of faith. It was my first time living away from home, my first time in an English-speaking country, and most importantly, the first time I believed in myself and my dreams. I am humbled and honoured to have been able to spend four years as a student at UL. This course has changed my life in ways I would have never imagined. The friends I made, the lessons I learned, will stay with me forever.

My advice to all prospective students is to just jump. One leap of faith for the best four years in your life.



Course Info

CAO Points 2022: New Programme

Course Length: Four Years

Course Director: Dr. Matthew Noone

Enquiries

Email: Matthew.Noone@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

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

Other: Applicants must pass an interview/audition.

Additional info: • Student Vetting

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.
 Certificate entry route also available via Certificate in Music and Dance.

About You

If you play or sing music in any style(s) - traditional music, classical music, popular music, or other - and you wish to continue to develop your music skills and knowledge of that style (or styles), while broadening your musical horizons through playing and learning about music from around the world, this is the course for you. We welcome proficient performers of music in all styles, with or without previous formal music education. Applicants will be required to show proficiency in their own music style(s) at audition.

Why study World Music at UL?

This programme will support you to develop your performance skills in your own current, chosen style(s) of music, while offering you the opportunity to explore and play a wide range of global musics. You will also develop your scholarly and theoretical knowledge of music. In order to offer new insights into the world of music and enhance your creative potential, you will be introduced to a wide range of performance practices and scholarly traditions. You will also study a number of vocational modules that will support you in your development of a fulfilling career.

As a student, you will be based at the world-class Irish World Academy, with its cutting-edge performance and rehearsal spaces, and state-of-the-art technological infrastructure. The Cooperative Education period

(Year 3, Semester 1) allows you to construct your own work-experience, providing valuable experience of the opportunities open to you when you graduate. The programme prepares you for many different career paths in areas including professional performance, composition, academia, arts curation and management, media, archive work, music production, and combinations of these.

What you will study

Throughout the four years of the programme, you will develop your performance skills by taking individual lessons on your own instrument (or voice), and you will also receive individual lessons on a choice of world music instruments, such as the North Indian plucked stringed instrument sarode, the West African djembe drum and the Javanese two-stringed bowed fiddle rebab.

Group-playing is a core aspect of the BA World Music. Throughout the four years of the programme you will participate in a wide range of ensembles, including Javanese Gamelan from Indonesia, Middle Eastern and Balkan Music, Ewe Drumming from Ghana, World Popular Music Ensemble and West African Drumming. You will also have the opportunity to choose to participate in performance classes in the areas of Irish traditional music and dance, voice studies and contemporary dance.

You will be introduced to the academic study of a wide range of world musics, as well as classical music, popular music and traditional musics. Specialist modules for BA World Music students include Global Pop Music, Ethnomusicology and World Music Survey. You will also study a wide range of music theory related to classical and popular music, Indian and Middle Eastern music, and more.

In addition to your core modules, over the four years of the programme, BA World Music students join students studying on the voice, dance and Irish traditional music programmes to take a range of modules in arts-related technology, professional and research skills, education and the role of arts in health and wellbeing. Every semester, you will also have the opportunity to choose elective modules from a broad range of options, covering history, languages, sociology, performance practice, choreography, composition etc.

Frequently Asked Questions

Q: Can a complete beginner do this course?

A: The course is suitable for proficient musicians and singers in any style of music.

Q: Do I have to be able to perform in all of the genres represented in the course?

A: No. In the BA World Music, musicians who have a proficiency in any genre of music and an interest in exploring a wide range of music styles are welcome.

Q: Do musicians, singers and dancers follow the same course?

A: In addition to following their own core curriculum, BA World Music students have many opportunities to interact with students from the four other undergraduate programmes in shared performance and academic classes. BA World Music students also have the option, every semester, to choose to take some classes offered by the Voice, Irish Traditional Music, Contemporary Dance and Irish Dance programmes.

Q: What teachers will I have?

A: Individual lessons, ensemble tuition and academic lectures are delivered by a team of accomplished professional musicians with extensive teaching and performance experience in a wide range of music genres.

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 Cooperative 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: While the development of your musicianship through individual lessons and ensemble music making is at the heart of the BA World Music, your practical understanding and knowledge of music will be enhanced through the study of music cultures, musicians and musical ideas.

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. The Academy is flexible if applicants have difficulty with these dates. The audition takes the form of a 10-minute solo performance and a 10-minute interview. Applicants are encouraged to choose to perform pieces that best represent their musical abilities and interests. Applicants will also be asked to speak about their musical interests and how the BA World Music will serve their musical development.

Student Profile

Deanna McDonagh

The BA World Music was the obvious choice for me when choosing a university course in music. Being a percussionist, and having a passion for rhythms of different origins, this course gave me so many opportunities to explore the different music cultures across the world, both practically and theoretically.

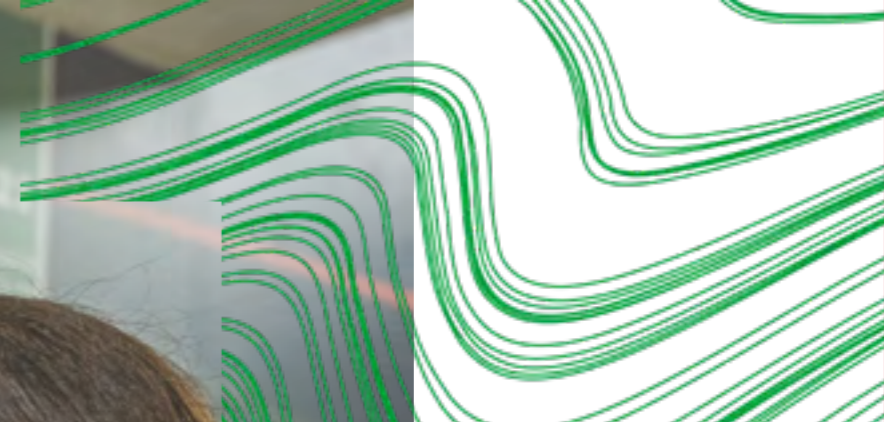
It was a privilege to study in the Irish World Academy building itself, which provides so many wonderful resources, from practice rooms, theatres and recording studios, to keyboard studios and dance rehearsal spaces and so much more. The World Music course was the perfect pathway for me to pursue my career as both a professional drummer and drum teacher, with all the amazing teaching that was provided at the Academy. Working alongside so many outstanding tutors not only improved my performance skills and music knowledge, it also increased my confidence as a performer in composing my own drum music.

Since graduating from the Irish World Academy, I am now the lead one-to-one drum kit teacher in a drumming company in Galway called Drumadore, teaching on a daily basis. I am also a part-time leader with the theatrical company, Macnas, and I drum professionally in two bands, one being formed in the Academy with two other BA World Music graduates. After graduating, this course has given me a chance to advance and progress in my career of being a percussionist.



Kemmy Business School

Scoil Ghnó Kemmy



Key Facts

Kemmy Business School has EQUIS, AMBA and AACSB accreditation which means it is listed amongst the top 1% 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.

Course Info

CAO Points 2022: 451

Course Length: 4 Years

Course Director: Course Director role will be vacant from the end of July and is currently being filled.

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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.

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.

Dual Degree Opportunity

In addition, students can avail of an amazing opportunity to earn a second degree from a leading international business school. Under this 'dual degree' pathway, Bachelor of Business Studies (BBS) 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 Bachelor of Business Studies degree and an equivalent degree from the other business school.

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.

A choice of five "major" options is available, of which you will choose one;

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:

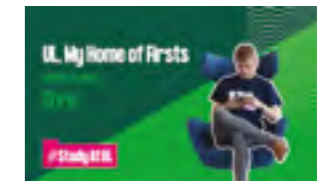
- Business Informatics
- Globalisation – An Economic Perspective
- Entrepreneurship
- Financial Services
- Law
- Management
- Organisational Psychology
- Sociology
- Supply Change Management

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





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)

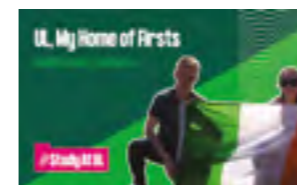
- Typical careers include;
- Tax Consultant
- Banking, Insurance and Financial Services
- Accountant
- Financial Analyst
- Stockbroker
- Pensions and Insurance Administrator
- Risk Analyst
- Economist
- Marketing Brand Manager
- Advertising Account Manager
- Management Consultant
- HR Manager
- HR Recruitment and Training
- Public Relations Officer
- Market Research Analyst
- Social Researcher

Follow-On Study

Related postgraduate options at UL include:

- MSc in Business Analytics
- 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

Ella O'Neill Branagan

As a 2nd Year student, I can confidently say that studying at the Kemmy Business School has been an incredible journey of personal and academic growth thus far. The positive aspects of college are truly endless, from the invaluable experiences gained through extracurricular activities, to the friendships formed and the knowledge acquired through coursework.

KBS provides a valuable network of peers, mentors, and alumni who can support you throughout your academic and professional journey. The friendships and connections made in university can last a lifetime and can provide a wealth of opportunities and resources for future success. Through interacting with individuals who have different backgrounds and experiences, I have gained a greater sense of empathy and understanding.

One of the greatest benefits of the KBS is that it the coursework truly provides the opportunity to develop a wide range of skills that are transferable to various aspects of life. Whether it is critical thinking, problem-solving, communication, or time-management, KBS provides a fertile ground for cultivating these skills. The ability to think critically and solve problems is essential in almost every career path, and the analytical and research skills gained through college can help you become a more effective problem-solver.

As a student at the KBS, I have been offered the opportunity to go on Dual Degree and study at the KEDGE Business School in Marseille for my 3rd and 4th year. This means that I will end my four-year course with a degree from UL with a Bachelor of Business Studies degree and an equivalent degree from KEDGE. Being a student at the KBS is an incredible journey that provides a wealth of opportunities for personal and academic growth.

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.

Course Info

CAO Points 2022: 544*

Course Length: 4 Years

Course Director: Kieran Gallery

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 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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

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.

Dual Degree Opportunity

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.

What you will study

Choice and flexibility are central to the BA in International Business. You will select modules from business, finance, economics, law, sociology and languages in several possible combinations that reflect your interests, and help your understanding of international business. You will have the option of either choosing a language elective stream (selecting from Spanish - beginners or advanced - French, German, and Japanese for beginners), or business/humanities elective stream.

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.

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

Ben Kiely

The Kemmy Business School has given me the support, freedom, and flexibility to discover my true self. The BA in International Business has given me confidence in a range of subject areas that are so pivotal to both industry and entrepreneurship. I chose to specialise in the fields of Marketing, Human Resource Management, Entrepreneurship, and Management because the subject material was practical, and I could apply the learnings directly to both the family business and the building of my own personal brand and career.

As part of my UL experience, I have also engaged in Clubs and Societies, Student Council, Faculty Board, accreditation meetings, and helped answer questions from prospective students on KBS Open Days. Sharing my experience of Co-Operative Work Placements, the unique structure of the International Business Programme, and my social and peer-to-peer learning side of third-level education is something that I will treasure for the rest of my life!

After I graduated from IB, I took the opportunity to add to these skills and expand my knowledge base in the Entrepreneurship field, signing up for the Masters in International Entrepreneurship Management. I will be eternally grateful to the KBS and UL for the support, the friendships, and the memories.

Student Profile

Rachel Frost

Choosing a college course can be easy, but the difficulty lies in selecting the RIGHT college course for YOU. I was one of those students who did not really know what direction I wanted to go in and once the CAO applications came around, I was still very indecisive. This is where the appeal of International Business (IB) lured me.

You see, the beauty of IB is that you can tailor your degree to your specific interests every step of the way. This was a godsend for me as it afforded me the opportunity to try a variety of modules and figure out what was best for me as time went on. This unique feature of the IB course meant that I was not restricted in terms of choosing a major/minor in second year and could create my own formulation of a degree, drawing on core business, arts and language modules. The dual degree opportunity available through the IB programme was also a deciding factor that largely enticed me.

Another appeal for me was the fully-international aspect of 3rd year, with both an Erasmus programme and a cooperative placement abroad. I can safely say, hand on heart, that it was the best year of my life. I spent the first semester in Nice in the south of France and the second semester alongside many of my friends working in Luxembourg. These amazing experiences provided me with many opportunities that I will never take for granted and often reminisce on. If, like me, you jump at the opportunity to travel, this course facilitates that and ultimately prepares you for an international career. The course not only allowed me to travel and experience different cultures but also provided me with valuable skills and knowledge that I can apply in my future career. I highly recommend IB to anyone who wants to broaden their horizons and gain a competitive edge in the global job market.

Now in my final year, I have begun to truly appreciate the supportive community and endless opportunities for personal and professional growth KBS has provided to me.

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.



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 Cooperative 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.

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 broader choice if you're unsure which area you'd like to study.

Direct Entry to Science and Engineering Programmes at UL

- LM058 BSc in Financial Mathematics
- LM063 BSc in Technology Management
- LM066 BSc in Environment Science
- LM068 BSc in Food Science and Health
- LM076 BSc in Product Design and Technology
- LM077 BE/ME Aeronautical Engineering
- LM082 BSc in Construction Management and Engineering
- LM093 BSc in Equine Science
- LM099 Bachelor of Architecture
- LM113 NEW: BSc in Interaction Design
- LM114 NEW: BSc in Music, Media and Performance Technology
- LM115 BE in Chemical & Biochemical Engineering
- LM118 BE/ME Electronic and Computer Engineering
- LM126 NEW: BE/ME in Electrical Engineering
- LM173 BSc/MSc in Immersive Software Engineering
- LM174 BSc/MSc in Artificial Intelligence and Machine Learning
- LM180 Certificate in Equine Science

Common Entry to Science and Engineering at UL

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 Mechanical or Digital Mechatronic Engineering) is a gateway to a degree in either

- BE/ME Biomedical Engineering OR
- BE/ME Civil Engineering OR
- BE Design and Manufacture Engineering OR
- BE/ME Mechanical Engineering OR
- BE/ME Digital Mechatronic (NEW)

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

From 2024/2025, **LM122 Creative Media and Interaction Design** will be replaced by Direct Entry Programmes:

- LM113 BSc Interaction Design and
- LM114 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

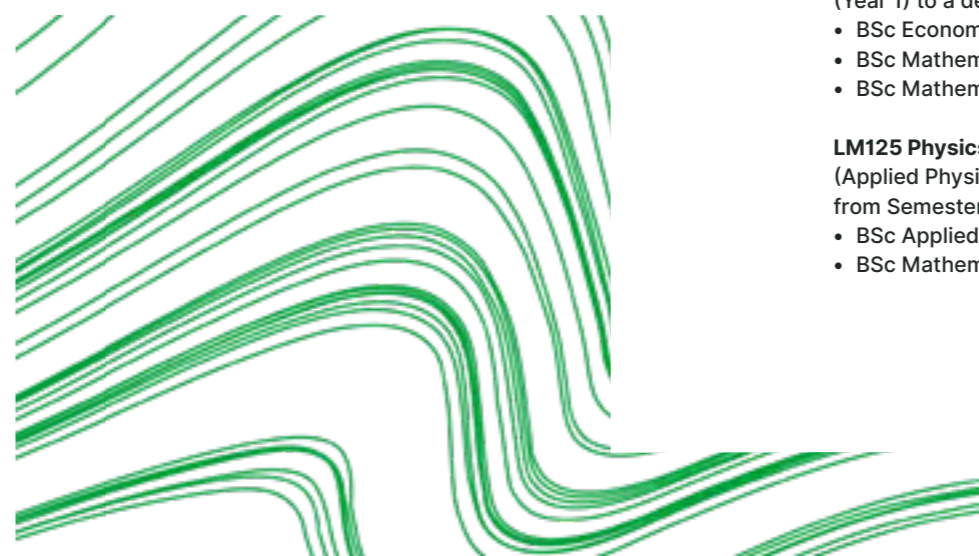
- BSc Bioscience OR
- BSc Environmental Science OR
- BSc Industrial Biochemistry OR
- BSc Pharmaceutical and Industrial Chemistry OR
- BSc Biomedical Science

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



Course Info

CAO Points 2022: 476

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

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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 model.

- 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 Programme, graduates can obtain two exemptions from the Institute and Faculty of Actuaries: Actuarial Statistics and Business Economics.

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



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 Cooperative Education 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.

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



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.



Course Info

CAO Points 2022: 422

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: Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Construction Studies, Engineering, Physics, Physics with Chemistry, Technical Drawing/Design & Communication Graphics, Technology.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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.

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 Innovation Management, Technology Management, Project Planning & Automation. In this stream you will learn about new product development, idea generation, managing projects and how products are put together.

Quality Management Stream: Subjects include Quality Management, Measurement Systems, Logistics Systems, Service Systems. You will learn how to measure quality and how to produce a quality process or product. You will examine factors such as logistics and services and see how they can impact on the quality and cost of the finished item.

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.

Years 3 and 4 offer one module per semester where you choose an area that you find interesting and enjoyable and would like to focus on. These options include;

- Entrepreneurship
- Environmental Management
- Information management
- Organisational Psychology

LM063 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM063.html

By the End of this Course

You will have completed a course specifically designed to meet the needs of industry. You will have experienced a wide range of subjects and developed a selection of skills to gain employment in many diverse industries. You will have finished a course which is unique in its mix of business and engineering subjects, and one which has a track record of producing quality graduates.

Career Opportunities

Our graduates have found employment in healthcare, pharmaceuticals, medical devices, agri-business, electronics and other areas.

Previous graduates have been appointed to roles such as Manager, Engineer, Analyst, Supervisor in areas like:

- New Product Development
- Supply Chain Management
- Management Engineering
- Quality Management
- Manufacturing Engineering
- Product Design
- Service Management
- Production Management
- Project Management
- Purchasing Supervision
- Logistics Management

Follow-On Study

Related postgraduate options at UL include:

- MSc in Advanced Materials
- MSc Advanced Engineering Materials
- MEng Mechatronics



Graduate Profile

Lisa Ruddle

I was initially attracted to UL's picturesque campus, offering so many facilities. I was also delighted to have the opportunity to study in my local area.

I studied both DCG (Design & Communication Graphics) and Economics for my Leaving Certificate, I really enjoyed both subjects and so I wasn't sure what route I wanted to go down. This course gave me the opportunity to explore both the technical/engineering and business opportunities. After researching further into it, the 100% employment rate associated with this course sealed the deal.

The course is essentially a course built for industry. There are modules reflecting the various departments you would find in manufacturing companies in any industrial estate around the world. This opens a multitude of career opportunities for you! It would be difficult to choose a favourite module as they are all so different, personally, I preferred the hands-on software/coding (such as SolidWorks and Excel VBA coding) and lab work (wiring a conveyor belt and constructing our own tools from metal).

My Cooperative Education placement was for 9 months in Regeneron, a large bio-pharmaceutical company, as a Supply Chain department. The role focused on tasks in Batch Disposition (driving shipments through communication) and Order Management. This position allowed me to improve my prioritisation, multitasking, problem solving and interpersonal skills whilst also introducing me to new database systems. Working as part of this cross-functional team gave me a clear understanding of the importance of strong communication and Cooperative Education in the workplace. I am hugely grateful for the opportunity as this experience has proven valuable in helping to secure a full-time position in Regeneron.

Student Profile

Emer Mooney

When I was in Leaving Cert, I like many others was so unsure what path to take, Business had always appealed to me. Finding this course on the UL website jumped out to me for its mix of both business and engineering. I was apprehensive at first for the engineering side, I had no experience at all in those subjects. Arranging a meeting with the course director immediately put my worries at ease.

Throughout the whole course, we constantly got a mix of both theory and practical subjects, I loved the hands on in the lab with Manufacturing to switching it up with Business modules such as HR and Marketing.

For my Cooperative Education I worked in Cook Medical, it is a medical device company that works with developing minimally invasive devices for patients. My role was Continuous Improvement, this involved finding ways to work smarter, not harder, in order to be more efficient and profitable. My final year project studied the "Benefits of 6S in a medical device company", this would not have been possible without my experience from Co-op.

I was fortunate to secure a job in Dell Technologies as a Logistic Analyst before graduating. This is all possible because I chose Technology Management and I am so delighted I did.

Key Fact

The BSc. in Technology Management is a course unique to UL, offering a mix of engineering and business studies subjects.



Course Info

CAO Points 2022: 431

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

Note: You can also enter this course through LM123 Biological and Chemical Sciences Common Entry.

English: O6/H7

2nd language: O6/H7

Maths: O3/H7

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.

Science: H4 in one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry.

Alternative entry pathways: Mature Pathways: Please refer to the online course page.

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 and sustainability? 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, sustainability, 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, sustainability 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, sustainability 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 sustainability 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

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, sustainability and conservation ecology, 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
- Food & beverages 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), sustainable resource management, 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 Cooperative Education 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 Cooperative Education 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 Cooperative Education 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.

Course Info

CAO Points 2022: 451

Course Length: 4 Years

Course Director: Dr Martin Wilkinson

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

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.

Science: H4 in any one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry.

Alternative entry pathways: Mature Pathways: Please refer to the online course page.

Why study Food Science and Health at UL?

This BSc 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

There are also elective modules in;

- Business Consulting

- Waste Management
- Functional Foods
- Accounting

A project which is undertaken throughout the final year allows the in-depth analysis of a relevant topic that gives you the opportunity to carry out independent research. During the Spring Semester of year three and the subsequent Summer, a period of Cooperative Education provides industrial work experience in a food enterprise.

The Department is now also offering an MSc. Functional Foods & New Product Development for graduates.

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 Cooperative 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.



Course Info

CAO Points 2022: 401* (plus portfolio)

Course Length: 4 Years

Course Director: Muireann McMahon

Enquiries

Email: School.Design@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

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.

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)

Alternative entry pathways: Mature Pathways: Please refer to the online course page.

About You

Are you curious and imaginative? Do you like a creative challenge? Would you enjoy developing solutions that improve the quality of peoples lives? Then product design and technology might be the course for you.

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.

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.

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.

Product Design and Technology is an internationally recognised degree - accredited by the Institution of Engineering Designers, UK.

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 comprises 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 ul.ie/courses/bachelor-science-product-design-and-technology

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 Submission Information: You will be contacted directly via email by Academic Registry with details on how to submit your portfolio and the submission deadline. The document must be in PDF format to include your CAO number and full name. For Example: 23123456_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.

Course Info

CAO Points 2022: 589*

Course Length: 4/5 Years

Course Director: Dr Anthony Comer

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

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.

Science: O6/H7 in any one of the following: Agricultural Science, Applied Maths, Biology, Chemistry, Computer Science, Construction Studies, Engineering, Physics, Physics with Chemistry, Technical Drawing/Design & Communication Graphics, Technology.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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 BE/ME 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
- Introduction to Design for Manufacture

- Aerodynamics
- Aircraft and Spacecraft Systems Engineering
- 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).

Please contact the Course Director for more information on the B.E./M.E. paths.

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

Mary O'Donnell

After doing Physics, Chemistry and Applied Math for the Leaving Cert and a scholarship to work for NASA, I decided to choose Aeronautical Engineering at UL. From designing and building radio control planes, learning about aerodynamics and using CAD, the course has been an incredible experience, on such a fantastic campus, and I am looking forward to continuing on to do my Masters.

One of my highlights was when I went on Co-op to Boeing in Seattle. I was part of the Flight Deck Design Team and I worked on projects for the 777 Max. I even got to fly the 777s in their flight simulators, just like the one we have in UL. I learned new software, and processes, and had a say in designing some key elements on the flight decks of future models about to be produced. It can be daunting, being a young woman in this area, but throughout my Co-op, I saw that my opinions and input were valid. I would highly recommend Aeronautical Engineering – Let your dreams take flight!

LM077 Online

The student experience



Course description

Want to know more? Go to: www.ul.ie/courses/LM077.html



Key Fact

The course is accredited by Engineers Ireland and is the only NFQ Level 8 degree course in Aeronautical Engineering with the option of a level 9 Masters pathway in Aeronautical Engineering in the Republic of Ireland.

Course Info

CAO Points 2022: 455

Course Length: 4 Years

Course Director: Dr. John Spillane

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

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.

Science: O4/H7 in any one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Construction Studies, Engineering, Physics, Physics with Chemistry, Technical Drawing/Design & Communication Graphics, Technology

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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.

Why study Construction Management and Engineering at UL?

The main aim of the course is to give you the skills to take construction 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 organisation, 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 result 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 Computer Aided Design (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 skill for measurement and setting out 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 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.

Recent graduates are working for employers like SISK, BAM, Ward and Burke, Ardmac, Linesight and the PM Group.

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.

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.

The Irish Construction Management Research Centre here in UL offers research-based Ph.Ds in Construction Management

LM082 Online



Course description

Want to know more? Go to: www.ul.ie/courses/LM082.html



Graduate Profile

Brid Lowry

During school, I always imagined a career in Construction. I decided to study Construction Management and Engineering in UL mainly because of the broad range of modules on offer. I was drawn to this course as it offers engineering modules as part of a Construction Management degree. I enjoyed the many practical elements to the course, both through modules and the 8-month Co-Operative Education placement.

I undertook my Co-Op with a Civil and Construction Contractor in San Francisco, where I worked as a Project Engineer. My role included site management, bid and cost preparation, developing and monitoring project schedules. I developed many skills during that time both professionally and personally. The skills I learnt on co-op were hugely beneficial in finishing out my final year of University and even in my current role after graduation.

I now work for a global project delivery company, PM Group as a part of their NEXT Graduate Programme. My role is a Construction Engineer on a pharmaceutical project. This involves planning of works as part of the construction management team, logistics coordination, quality assurance and control, liaising with project stakeholders and so on. I am due to commence the Construction Institute of Building (CIOB) Chartership process with the support of PM Group.



Graduate Profile

James Colgan

I chose UL's Construction Management and Engineering Program after attending the UL Open Days and speaking with the Course Director, who highlighted all the different career paths and opportunities available, especially working abroad.

UL's Construction Management and Engineering Program interested me as it allows you to study a wide range of modules from Building Surveying, Contract Law, Structural Mechanics and Design, and so much more. This knowledge helped massively during my work placement with Modebest.

After graduating, I returned to work with Modebest on a 56-Story tower in Canary Wharf, London. I gained great knowledge and industry experience in small-site logistics, just-in-time deliveries, project planning and coordination. Recently, I have started working on my chartered membership application with the Chartered Institute of Building (CIOB), an organisation I have been a member of since studying at UL.

My time and experiences at UL have been essential in my professional and personal growth. I cannot recommend this course highly enough for anyone looking for a career within the Construction Industry.

Key Fact

Construction Management and Engineering at UL gives you the key skills necessary to implement processes and methods of construction to produce a quality building in an efficient and safe manner. It prepares you to systematically plan, organise and manage resources such as finance, labour, plant and materials.

Course Info

CAO Points 2022: 380

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

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

Science: H4 grade in one of the following: Agricultural Science; Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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 BSc 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.

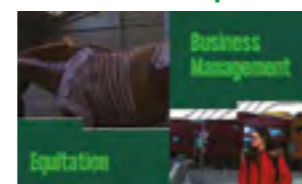
With this option, you can also choose to undertake the study of a language selected from Spanish, French, German or Japanese. The Equitation option offers modules in the Young Horse,

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.



Course Info

CAO Points 2022: 532*

Course Length: 5 Years

Course Director: Declan Feeney

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: F6/O6/H7

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

Alternative entry pathways: **Mature Pathways:** Applications are particularly welcome from mature candidates (at least 23 years of age on the 1st of January of year of registration). All mature candidates must apply through the Central Applications Office (CAO) – <http://www.cao.ie>

Note: For details please refer to the www.ul.ie/admissions website, mature student office website <https://ulsites.ul.ie/mso/welcome-maturestudent-office> and the separate SAUL application guidelines. Mature applicants are required to attend for interview and to bring material to support their application to their interview..

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).

The course is designed to equip you with a broad range of skills fundamental to becoming an architect. These skills include hand drawing, sketching, model-making, photography, computer-aided drawing, audiovisual and verbal presentation, as well as core skills including conceptualising and designing, problem solving and working with other people.

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.



Course Info

Course Director: Dr. Mark Marshall

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

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.

Science: —

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

BSc Interaction Design



Course description
 Want to know more? Go to:
www.ul.ie/courses

The **BSc Interaction 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 interactive 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?

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 BSc Interaction 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 Interaction 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).

What you will study

The BSc in Interaction 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 Interaction 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
- Web Designer
- Multimedia Developer
- Multimedia Project Coordinator
- Interaction Design Researcher

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;

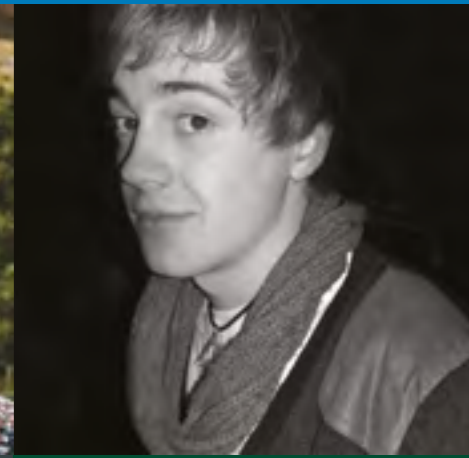
- MA/MSc in Interaction and Experience Design
- MA/MSc in Art & Technology
- MSc Design for Health and Wellbeing



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

BSc Interaction Design is an exciting fusion of product design, graphic design, computer coding and user research.

Course Info

Course Director: Dr. Robin Parmar

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

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.

Science: —

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

BSc Music, Media and Performance Technology

Watch student work and read further information on our offerings at www.ul.ie/courses/bachelor-science-digital-media-design



Video by Sean O'Flaherty Falconer

About You

Are you a creative person who enjoys exploring new technologies?

Are you interested in music, video, animation, or other digital media?

Do you want to learn the latest software and hardware tools?

Are you interested in a career in a media industry?

Are you curious to understand how things work by exploring computer code, building circuits, or creating new instruments?

If so, this course was made for you!

Why study Music, Media and Performance Technology at UL?

The **BSc in Music, Media & Performance Technology** develops the technical and creative skills required to be successful media practitioners in music, video and media industries. The programme equips 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.

You'll study key technologies, gain insights into how we interpret our sensory world, and investigate the context of digital media in our global culture.

You'll develop a robust approach to problem-solving, evaluated through short assignments, term projects, written papers, presentations, portfolios, and computer demos. The emphasis is on individual work, but you will also learn how to function on a team.

After you complete your second year, you'll be placed in an eight-month cooperative work term. Here you will put your skills to practical use in a work environment. Students often tell us that this provided an invaluable experience, while building a network with potential employers.

For your final year project you will engage in independent research under the personal supervision of a faculty member. This allows you to focus on a subject that most interests you. You'll learn valuable skills in project management and research that will benefit you in future endeavours.

By the time you graduate, you'll be equipped to make a significant contribution to the growing media industries. You'll be ready to work as a creative practitioner either individually, as an independent artist, or as a member of a team developing new technology platforms or digital media content, here in Ireland or abroad.

Facilities

We have two audio recording studios, each designed around a control room and live studio space. The Interaction Design Studio includes a collaborative

space and 3-D printer. Audio and video suites house green screen facilities, VR headsets, modular synthesisers, and other tools. We have a suite of Blackmagic Design cameras and switchers, as well as equipment from Panasonic, Sony, and other key manufacturers.

Our computer labs are outfitted with all required software. We teach ProTools, Logic, and other audio production software, alongside DaVinci Resolve for video editing and post-production. Both Affinity and Adobe graphics suites are on hand. Coding is conducted in Max, Processing, and other applications as required.

The Spatialisation and Auditory Display Environment (SpADE) is a 32.2 channel high-density loudspeaker array, the only one of its kind in Ireland. This facility provides a unique opportunity for composers and sound designers who wish to work with immersive audio and sound diffusion, including game and film applications.

Activities

As the Digital Media and Arts Research Centre (DMARC), our faculty facilitates research around three themes: audio and visual research, creative technologies, and digital arts practice. We regularly contribute to conferences, journals, and festivals, sharing expertise from the University of Limerick with the rest of the world. Visit www.dmarc.ie

Our department also facilitates conferences and festivals here at UL, giving our students exposure to excellence in research and practice.

DMARC is partnered with the Light Moves Festival, exploring contemporary practice in film, dance, and new media. Visit www.lightmoves.ie

In July 2022 we hosted the International Computer Music Conference (ICMC), which includes workshops, papers, concerts, and installations. Visit www.icmc2022.org

In February 2020 we hosted the International Conference on Live Coding (ICLC). Visit www.iclc.toplap.org/2020/

Career Opportunities

MMPT provides a range of skills that enable you to specialise in many areas:

- Multimedia programmer
- Sound engineer and producer
- Cinematographer and video editor
- Animator and titles designer
- Visual effects artist
- Music video producer
- Sound designer
- 3D modeller and texture designer
- VJ and visual music performer
- Surround sound expert
- Researcher in digital media
- Software Developer for Digital Art

Follow-On Study

We also offer a PhD programme that can be adapted to your research interests.



Photograph by Shane Serrano for Light Moves Festival 2021

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 Cooperative Education 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.



Course Info

CAO Points 2022: 476

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

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.

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

QQI Pathways: Please refer to the online course page.

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.

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.

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.

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.

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

Jenna Bromell

When considering what path to take at university, I wanted to choose a career which would:

- Be challenging.
- Involving problem solving.
- Lead to plenty of diverse opportunities afterwards.

Chemical engineering was a degree that ticked all these boxes for me.

I loved applied math in school as I loved applying a problem-solving mindset to real life applications. Chemical engineering was a path which fulfilled this for me. Being a chemical engineer is all about being faced with a problem and applying structured problem-solving methodologies to develop the most economical solution, taking all practicalities and constraints into account. It does not matter what the nature of the problem is - chemical engineering equips you with the problem-solving mindset to be able to tackle challenges in any industry.

There is also so much opportunity for career progression as a chemical engineer. A chemical engineering degree lays strong foundations to set you up for success long term. Whether you would like to work in a smaller company, in a multinational company or as a consultant, there is freedom to choose a path which appeals to you.

Regardless of the specific direction you choose within the field of chemical engineering, the knowledge and skills you acquire will enable you to make a positive impact on society. In essence, through chemical engineering, we can convert our understanding of chemistry and biochemistry into tangible improvements to people's lives.

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/ME Biomedical or BE/ME Civil or BE Design & Manufacture or BE/ME Mechanical or BE/ME Digital Mechatronic Engineering)
 NFQ Level 8 Major award Honours Bachelor Degree /Level 9 Major Award Honours Masters Degree
 Baitsiléir Innealtóireachta/Máistreacht Innealtóireachta in Innealtóireacht Mheicitreonach Dhigiteac

Course Info

CAO Points 2022: 498*

Course Length: 4/5 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

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.

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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.

Commencing 2024, a new option is available through LM116, BE/ME Digital Mechatronic Engineering. Digital Mechatronic Engineering is revolutionising how we design and build machines, robots, and other automated systems.

LM116 Engineering is the gateway to a degree in either:

- BE/ME in Biomedical Engineering
- BE/ME in Mechanical Engineering
- BE/ME in Civil Engineering
- Bachelor of Engineering in Design and Manufacture
- BE/ME Digital Mechatronic Engineering

The programmes above start in Year 2.

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 over-subscribed, 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. Commencing 2024, a new option is available through LM116, BE/ME Digital Mechatronic Engineering. Digital Mechatronic Engineering is revolutionising how we design and build machines, robots, and other automated systems. 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.

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 engineers will describe their experiences in their field of engineering. You will therefore be empowered to make an informed choice as to your own programme of study.

In Semester 2 you will continue to study fundamental engineering topics such as materials and mechanics as well as one elective module, Structural Engineering Design or Introduction to Design and Manufacture or Introduction to Digital Mechatronics. These are project based where students work together to solve problems. These modules are hands-on

Engineer Your Own Degree at UL

Choose from:

BE/ME Biomedical Engineering

BE/ME Mechanical Engineering

BE/ME Civil Engineering

BE Design and Manufacture Engineering

BE/ME Digital Mechatronic Engineering

Your Degree, Your Choice.

with the aim of helping students to make an informed decision at the end of Year 1.

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

Career Opportunities

The career opportunities will depend primarily on the BE course chosen by you. Typical career areas include:

Biomedical Engineering:

Design and manufacture of medical devices such as vascular stents, hip and knee replacements, neurological based surgical tools. Development of biomaterials using tissue engineering approaches such as 3D printing.

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.

Digital Mechatronic Engineering (NEW OPTION):

Digital mechatronic engineering is revolutionising how we design and build machines, robots, and other automated systems. Our programme gives students a solid foundation for many well-paid career opportunities such as Robotics Engineer, Automation Engineer, Control Systems Engineer and Mechatronic Specialist.

LM116 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM116.html



Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: Prof Conor McCarthy

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE/ME Digital Mechatronic Engineering

Course description

Want to know more? Go to:
www.ul.ie/courses/LM116.html

Why study Digital Mechatronic Engineering at UL?

Digital Mechatronic Engineering is revolutionising how we design and build machines, robots, and other automated systems. Our programme gives students a solid foundation for many well-paid career opportunities.

Are you ready to explore the exciting world of Digital Mechatronic Engineering? Digital Mechatronic Engineers are going to build the machines of the future. If you have a passion for technology, engineering, and innovation, this is the perfect fit. Digital Mechatronics is the intersection of mechanics, electronics, robotics and AI/Machine Learning. This interdisciplinary field is revolutionising how we design and build machines, robots, and other automated systems that are now making autonomous decisions in our increasingly digitised world. With the rise of automation and Industry 4.0, the demand for professionals who understand digital mechatronics has never been higher.

Entry route to Digital Mechatronic Engineering at UL is via LM116 Engineering Common Entry.

What you will study

The programme has a common first year with academic modules in Digital Mechatronic Engineering, Mechanical Engineering, Electrical Engineering, and Computer Engineering.

Throughout the programme you will study modules in areas of Digital Mechatronics, Data Engineering, Artificial Intelligence & Machine Learning, General Engineering, Mathematics, Engineering Mechanics, Automation and Control, Machine Building, Wireless communications and Networking, Chemistry for Engineers, Computing, Sensors & Actuators, Product Design & Modelling, and others.

Up-to 13-month Co-operative Education Period in a relevant industry setting is available on this course to provide you with a truly immersive experience, and this starts in the summer of Year 3. In Year 4, you will complete a major project in the design, development and/or implementation of a digital mechatronic system and will specialise in either Digital Robotic Engineering or Digital Manufacturing Engineering. For those wishing to avail of a master's degree there is an optional 5th year of study where you take advanced modules in Life Cycle Engineering, Advanced Digital Automation and Control, Automated Systems Design and Integration, Robotic Sensing, Perception, Planning, Mapping & Manipulation, and a major research project in the digital mechatronics field.

Career Opportunities

Our Digital Mechatronic Engineering programme will give you a solid foundation for many well-paid career opportunities such as:

Robotics Engineer

Design and build robots for a wide range of applications, from manufacturing to healthcare to space exploration.

Automation Engineer

Automation engineers design and implement automated systems for various industries. This can include everything from factory automation to building controls to self-driving cars.

Control Systems Engineer

Control systems engineers develop and optimise systems that regulate processes and machines. This can involve designing and implementing control algorithms, testing and debugging systems, and working with hardware and software systems.

Mechatronic Specialist

Mechatronic specialists work on the front lines of industry automation, installing, maintaining, and troubleshooting complex systems. They also play a crucial role in installing, testing and validating new systems before they are used.

With so many exciting career paths to choose from, Digital Mechatronic Engineering is a field with endless possibilities. Contact us for more information on enrolling for this programme.



Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: John Mulvihill

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE/ME Biomedical Engineering

Course description



Want to know more? Go to: www.ul.ie/courses/LM116.html

Do you enjoy problem-solving and using mathematics and science but want to apply it to improve human-related problems and our quality of life? Then Biomedical Engineering is for you

What is Biomedical Engineering?

Biomedical engineering uses problem-solving techniques and engineering mechanics to solve biology and medicine-based problems. Modern medicine has given rise to a wide range of novel engineering solutions to these clinical problems – and a Biomedical Engineering degree is your pathway to be involved in addressing these current clinical problems and diseases. Biomedical Engineering is a relatively new area of Engineering, but it is the fastest growing area due to increased demand for biology-based engineers from the MedTech Sector.

Examples of these novel engineering solutions that a Biomedical Engineer will work with vary from:

- Orthopaedic implants such as total hip replacements
- Cardiovascular implants such as coronary stents
- Headgear to reduce the impact of concussion on athletes in contact sports
- 3D printing of biological organs (i.e. heart, lung, skin)

How do I choose Biomedical Engineering at UL?

Entry route to Biomedical Engineering is via the Common Engineering Entry (LM116). You will choose Biomedical Engineering at the end of your first year. You will graduate with a BE in Biomedical Engineering after 4 years (Level 8).

At the end of your 3rd Year of Biomedical Engineering you can choose to continue to the Integrated Masters ME in Biomedical Engineering. This means you will continue for one extra year (5 years in total) exiting with a ME in Biomedical Engineering (Level 9).

What makes Biomedical Engineering different to other Engineering programmes?

Biomedical engineers utilise their knowledge of biology and engineering principles to the engineering design process of medical devices and related technologies. Further, a biomedical engineer will utilise and integrate a wide range of other disciplines such as mechanics, materials science, mathematics, cellular biology, and computational modelling to improve human health, whether it be a tissue engineering of an artificial organ or a discovery of a novel protein that indicates a disease.

What you will study

Biomedical Engineering has two parts as well as the option of a follow on Integrated Masters (ME) in Biomedical Engineering.

Part I has a common first year that gives you foundations in the fundamental subjects of engineering such as Mathematics, Engineering Mechanics, Chemistry for Engineers, Electrical Engineering, Fluid Mechanics, Materials, Computing, and Design for Manufacture.

Part II comprises Years 2, 3 & 4 of the course, where you typically will have 5 modules per semester. This Part will become more focussed on Biomedical Engineering relevant modules. You will study modules that will build your understanding of the body and mechanics specific to the body.

In year 2 (2 semesters), you will develop your knowledge of mechanics and biological systems through the study of subjects including:

- Introductory Anatomy and Physiology,
- Cell & Tissue Behaviour for Engineers,
- Physiological Fluid Mechanics.

At the end of Year 2 you are placed in a company in the biomedical engineering industry in Ireland, or internationally, for an 8-month Co-operative Education Period. Typical companies include Boston Scientific, Abbott and Medtronic. This will take place directly after your Year 2 exams (Summer semester) and continue to start of your second semester of Year 3 (i.e. June to following January)

In Year 3 (Spring Semester after co-op) you will undertake modules that again are specific to novel and cutting-edge topics in biomedical engineering. You will experience more challenging and group-based projects in interesting topics within the Biomedical Engineering field. Modules include:

- Biocompatibility
- Tissue Engineering
- Mechanics of Solids

In Semester 6 you will choose a stream based on whether you want to graduate with a **Bachelors of Engineering (BE) in Biomedical Engineering** (Level 8) or **Masters of Engineering (ME) in Biomedical Engineering** (Level 9).

The students that choose the BE Stream will choose their Final Year Project title in this semester from a list of titles produced by the Biomedical Engineering faculty. The students that choose the ME Stream will not choose their Final Year Project until Semester 8 of their programme (i.e. end of Year 4 ME).

BE Stream Year 4 if you choose the BE Stream then you will carry out a Final Year Project across the two semesters that is worth 3 modules. The modules will increase in complexity and delve into relevant topics to Biomedical Engineering, including:

- Biomaterials 1 & 2,
- Medical Device Design and Placement 1,
- Microfluidics
- Orthopaedic Biomechanics.

The Final Year Project (FYP) allows you to carry out a major project by yourself (under supervision of a lecturer) in a specialist area of Biomedical Engineering. You have a choice of a topic that interests you and it will align with cutting-edge research and industry topics. As part of this project you will present on your project and different stages via oral, video and PowerPoint presentation.

ME Stream Year 4 if you choose the ME Stream you will carry out the modules mentioned above but you will carry out extra modules (as there is no FYP in Year 4 for ME) such as Bio-Imaging, Medical Device and Placement 2 and Entrepreneurship.

ME Stream Year 5 if you choose the ME stream there is an additional year required where you will carry out Level 9 modules as well as a Final Year Project. The advantage of this stream is that in this year you have choice of a number of modules to create a ME degree that is suited to you. These modules are on world-class and cutting-edge topics in the field of biomedical engineering. Please visit our website to get the full and up-to-date list of electives.

What do Biomedical Engineers do? And what are the career prospects?

Biomedical Engineers have a significant impact on our society as they develop the tools, equipment and devices that are involved in treating or diagnosing a patient. Furthermore, biomedical engineers can develop and design life-changing products such as artificial organs, tissues, or implantable devices to fight diseases. Biomedical Engineers can work in a wide range of disciplines or areas within a company from design and development of implantable medical devices (pacemakers, prosthetics) or wearable technology to quality control testing in the manufacture of diagnostic tools or medical equipment. Biomedical Engineers can pursue these career paths in many settings such

as multinational companies, medical institutes, cutting edge start-ups, or pursue a research career in academia.

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 in Limerick, Ireland and internationally. The biomedical engineering industry in Ireland has factories from all the major multinational companies as well as indigenous companies resulting in the need for highly skilled biomedical engineers. With a degree in Biomedical Engineering, you can be part of the novel engineering solutions and problem-solving toward improving our quality of life and fighting diseases.

Career Opportunities

There are a variety of career choices open to you with a BE or ME degree in Biomedical Engineering in wide number of companies such as Cook Medical, Stryker, Becton Dickinson, Boston Scientific, Medtronic, Hollister, Edward Life Sciences etc. An example of roles are as follows:

- Design engineer (medical devices)
- Research and Development Engineer
- Biomaterial Engineer
- Manufacturing engineer
- Process engineer
- Quality Control Engineer

Follow-on Study

Related postgraduate courses at UL include;

- M.Sc in Biomedical Device Materials
- Ph.D. in Biomedical Engineering (Structured Ph.D.)
- PhD scholarships are attained through funding from government agencies such as the Irish Research Council or Science Foundation Ireland. You should seek these opportunities in Year 3 of the BE Stream or Year 4 of the ME Stream.

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/ME Biomedical Engineering at UL is via LM116 Engineering Common Entry.

Biomedical Engineering at UL is accredited by Engineers Ireland.



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/ME 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?

BE/ME 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, Design & Manufacture or Digital Mechatronic Engineering) 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 have the option to pursue either a four year level 8 Bachelor of Engineering (BE) or a five year level 9 Master of Engineering (ME) degree programme accredited by Engineers Ireland (www.engineersireland.ie), and the qualifications of graduates are recognised worldwide through international accords.

What you will study

Both the BE and ME are divided into two parts. Part I is common to both programmes. It 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.

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 two to four for the BE and years two to five for the ME. Years 2 and 3 are common to both the BE and ME. At the end of year three students decide whether they want to pursue the BE or ME option. Access to the ME option is subject to academic performance. You will typically 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, for those who choose the four year BE option, you can specialise in Thermofluids, Mechanics of Solids or Energy by choosing appropriate final year electives.

An important aspect of the BE 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.

For those who chose the five year ME option, year 4 involves many of the same subjects as year 4 on the BE programme, but also includes a large group-based project. This project entails the use of theory from subjects like solid mechanics, fluid mechanics, heat transfer and thermodynamics to design, build and test a mechanical system. Year five of the ME programme entails specialized modules in energy, fluid mechanics, materials, numerical simulation and solid mechanics. Like year 4 of the BE programme, year five of the ME programme involves a large individual project where students call upon the knowledge gained over the

first four years of the course to solve a significant mechanical engineering problem.

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, Cooperative 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 Shibhialta

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/ME 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 /wastewater treatment, 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 where you will be supported by lectures and tutored design studio sessions. 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 Cooperative Education 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.

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

Amy Baker

I chose to study civil engineering because I am interested in practical, problem-solving approaches to make design visions a reality.

Civil Engineering in UL is delivered using problem-based learning (PBL). Some projects that particularly interested me were the structural design and building of a timber bridge and the full structural design of an actual building along with transportation plan, ground investigation, and site survey (IDP project).

During co-op placement, I gained a lot of experience in structural steel design with Garland Consulting Engineers, and this was a great opportunity to apply what I had learned in college.

My final year Master of Engineering (ME) project investigated the impact of imposed loadings in office buildings on embodied carbon.

After graduation in 2022, I joined Arup as a structural design engineer. My work includes using modelling software to design a variety of structures. So far, I have worked on a large and exciting range of national and international projects since graduation.

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.



Course Info

Entry Route: LM116 Engineering Common Entry

Course Director: Prof David Tanner

Enquiries

Email: admissions@ul.ie

Tel: 00 353 61 202015

www.ul.ie/admissions-askus

BE Design & Manufacture



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 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

Follow-On Study

Students graduating from this degree can undertake the MEng in Mechatronics or many other masters programmes in other disciplines at UL. There are also lots of research opportunities to masters or doctorate level available in the areas of Design and Manufacture. UL has strong, funded research programmes in a number of manufacturing disciplines.



Key Fact

Design and Manufacture typically has the smallest class size of all the electives in Common Entry Engineering. These small class sizes ensure students get the most authentic practical engineering experience throughout their degree to prepare them effectively for the ever-changing manufacturing industry, both in Ireland and globally.

BE Design and Manufacture Degree is fully accredited by Engineers Ireland.



Student Profile

Cian Hogan

I chose Design and Manufacture Engineering as my elective for the Common Entry Engineering degree because it encompasses a good mix of the technical drawing and problem-solving skills I liked in school. Design and Manufacture is a great course for gaining practical knowledge about current practices and equipment used in the manufacturing industry today. Throughout the four years, I gained experience in many relevant areas for industry like how to effectively use CAD software SolidWorks, how to work with electrical and pneumatic systems and how modern manufacturing methods like 3D printing work. The combination of expert lecturers, enthusiastic classmates and interesting, industry relevant modules made the course feel relevant to life after university, but above all very enjoyable to me.

For my 8-month Co-op Placement in 3rd year, I was based in Modular Automation in Shannon, Co. Clare. Modular are a solutions partner to industry leading Med-Tech companies around the globe. While I was in Modular, I was given the opportunity to work on many projects by designing custom equipment from scratch, detailing drawings and then ordering these parts from vendors. While on Coop, I was able to use the skills I gained on my course to contribute to innovative design in industry. One benefit of the Co-op program in UL is that you gain 8 months industry experience while in university, which always helps with job opportunities after college. It also helps that the manufacturing industry in Ireland is booming now! My successful UL Coop period at Modular has led me right back to them now where I work as a Mechanical Design Engineer, all thanks to the skills I gained in my Design and Manufacture Degree.

Course Info

CAO Points 2022: 445

Course Length: 4/5 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

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.

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.

Alternative entry pathways: Mature Pathways: Please refer to the online course page. QQI Pathways: Please refer to the online course page.

About You

This 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 those 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 is planned to 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

Electrical Energy Engineering

Recent times have seen a worldwide shift towards a refocused commitment on the topic of energy. Electrical energy / power engineering is an important element of this activity and there is an increasing need for engineers in this discipline to work on new solutions for the electrical energy grid based on wind, solar, ocean, wave and other

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

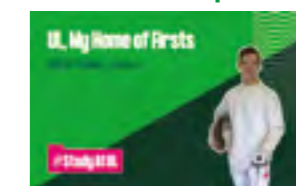
This General option is aimed at students who have a broad interest in the areas of electronic and computer engineering, and want to explore several topics of the prescribed major options.

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.

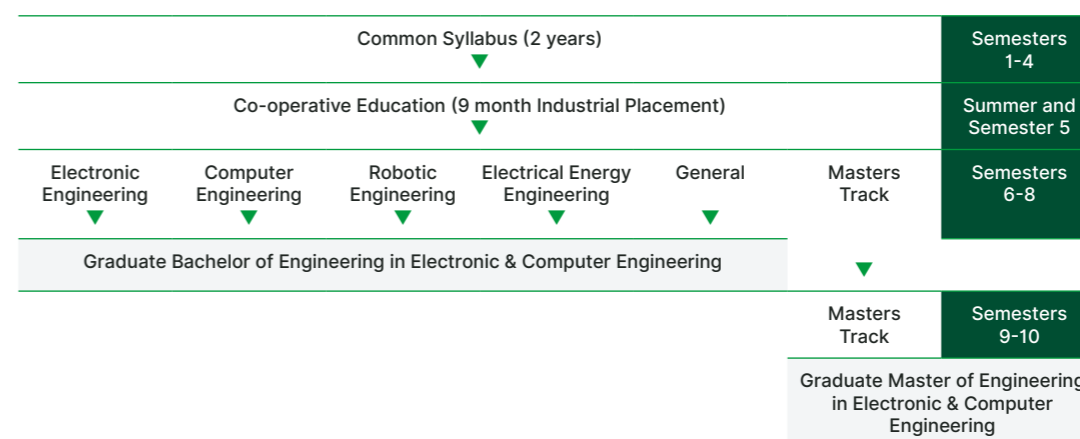
LM118 Online

Course description



Want to know more? Go to: www.ul.ie/courses/LM118.html

Entry- LM118 Bachelor/Master of Engineering in Electronic & Computer Engineering



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.

Course Info

CAO Points 2022: 402

Course Length: 4 Years

Course Director: Dr Emil Vassev

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

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.

Science: —

Alternative entry pathways: Mature Pathways: Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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.

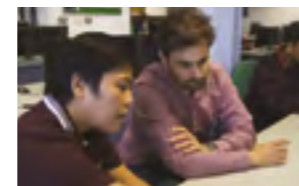
What you will study

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.

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.

Career Opportunities

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 Systems:

IT Consultant, Web Developer, Dev Ops, System Administrator, Software Testing, Software Project Manager, Application Specialist, Business Analyst, Technical

Sales Consultant.

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 (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 Chris Exton

Enquiries

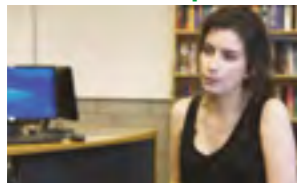
Email: admissions@ul.ie

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 Cooperative Education 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.



Course Info

Entry Route: LM121 Computer Science Common Entry

Course Director: Dr. Simon Colreavy

Enquiries

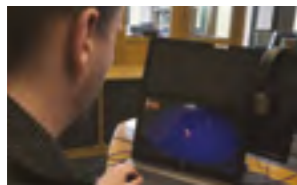
Email: admissions@ul.ie

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 BSc (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 3, you will have an eight month cooperative education placement, either in Ireland or abroad. There 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 Year 4, 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

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)

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.



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-cyber-security-and-it-forensics

About You

Students who choose the BSc in Cyber Security & IT Forensics will come from a variety of backgrounds and acquire a wide range of skills. If you...

- Enjoy learning about computing and networks but also like helping and working with people, you could work as an IT security consultant;
- Have an aptitude for solving mysteries and doing a bit of detective work you can become a security or forensics analyst;
- 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 making e-commerce secure.

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, Cooperative Education 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:

- Multimedia programmer
- Sound engineer and producer
- Cinematographer and video editor
- Animator and titles designer
- Visual effects artist
- Music video producer
- Sound designer
- 3D modeller and texture designer
- VJ and visual music performer
- Surround sound expert
- Researcher in digital media

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.



LM123 Biological and Chemical Sciences Common Entry (BSc Bioscience or BSc Environmental Science or BSc Industrial Biochemistry or BSc Pharmaceutical & Industrial Chemistry or BSc Biomedical Science)

NFQ Level 8 Major Award Honours Bachelor Degree
Baitsiléir Eolaíochta sna hEolaíochtaí Bitheolaíochta agus Ceimiceacha

Course Info

CAO Points 2022: 498*

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

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.

Science: H4 in one of the following: Agricultural Science, Applied Mathematics, Biology, Chemistry, Physics, Physics with Chemistry.

Alternative entry pathways: Mature Pathways: Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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 **BSc 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 **BSc 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 **BSc 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 **BSc 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 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.

LM123 Online

The student experience



Want to know more? Go to:
www.ul.ie/courses/LM123.html



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

Emily Hill

In 2018 Emily started in the Biological and Chemical Sciences common entry course and later chose one of the four exit routes. Emily completed her Bachelor of Science degree in Pharmaceutical and Industrial Chemistry in the University of Limerick in 2022.

During her time in UL she carried out her eight month co-operative placement in Regeneron as a manufacturing intern. Later Emily decided to go on to further study after her undergraduate course. She was awarded an Irish Research Council Government of Ireland Postgraduate Scholarship and joined the O'Reilly research group as a 1st year PhD student in September 2022.

Her PhD titled 'Next generation pharmaceutical processing: Bridging clinical practice with predictive modelling tools and continuous manufacture methods', will focus on the continuous manufacture of active pharmaceutical ingredients and in particular on spray drying.



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.

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 BSc 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)
- **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 with microbial metabolism & 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 Cooperative Education 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 Cooperative Education2 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

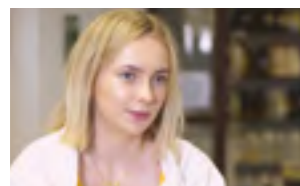
Tel: 00 353 61 213185

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 and sustainability?
- 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 (i) LM123 Biological and Chemical Sciences Common Entry, or (ii) LM066 Environmental Science Direct 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, sustainability, 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, sustainability, 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 sustainability, 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 sustainability, 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, mathematics 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, sustainability and conservation ecology, 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
- Food & beverages sector
- 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), sustainable resource management, 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

Claudia Carey

My name is Claudia Carey. I completed my second level education at Salesians Secondary School Fernbank in 2016, and I am a graduate of the University of Limerick's Bachelor of Science in Environmental Science course. I graduated from the course with 1st class honours degree in 2020 and am currently employed as a Fibre Planner with TLI Group. As a Fibre Planner, I work on behalf of National Broadband Ireland (NBI) to deliver the National Broadband Plan, providing high-speed and secure broadband connection across rural Ireland. I chose to pursue my third level education at the University of Limerick as it is a globally recognized university with great support systems and services, world-class facilities and an excellent living environment.

The course in Environmental Science got my attention because I have had a lifelong interest in both the general sciences and the natural world. This – along with the range of subjects covered in the course, from Conservation Ecology to Environmental Management, and the potential postgraduate opportunities – is what led me to decide that this was the course I wanted to pursue. For my co-op placement, I spent 8 months working as an Environmental Technician in a Limerick based environmental monitoring company called AXIS Environmental Services. During my time there, I went on site visits to carry out a variety of environmental monitoring tasks, wrote technical reports, and liaised with organisation's, including the Environmental Protection Agency (EPA) and various county and city councils.

My final year project was based on using QGIS mapping software to evaluate the suitability of sites for the installation of solar farms. By selecting relevant construction factors and creating individual maps for each site, I was successful in producing a rating system to assess the appropriateness of selected sites to support the construction of a solar farm. Through the University of Limerick's Environmental Science course, I have been given the chance to broaden my understanding of the environment, the importance of maintaining it, and have been able to further my career as a result.

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, sustainability, 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.

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.

Course Info

Entry Route: LM123 Biological and Chemical Sciences Common Entry

Course Director: Professor Pat Kiely

Email: BiomedicalScience@ul.ie

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.

Course Info

CAO Points 2022: 455

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

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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 and Statistics, 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.

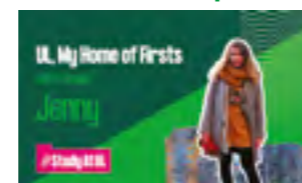
Your choice of programme needs to be made before the end of the first semester; there is no restriction on this choice, except that to continue with Mathematics and Physics you must take a physics module in the first semester, and similarly to continue with Economics and Mathematics you must take an 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 Mathematical Sciences, where Mathematics and Statistics are 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; data scientist; statistician; 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 the UL Masters in Data Science and Statistical Learning 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 Cooperative Education 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 Cooperative Education 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 Cooperative Education 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.



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 BSc 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

Niall Donlon

For me, the choice to study Maths and Physics at UL was an easy one. I loved studying Maths and Physics in secondary school and wanted to continue studying both in university, and the University of Limerick provided a balanced mixture of both. The development of core and advanced mathematical skills complements the array of physics modules I studied, spanning from optics to quantum mechanics, as well as the cutting-edge developments in nanotechnology and laser physics, which is indispensable in industry.

During the final year, I had the opportunity to undertake a project that allowed me to analyse a particular problem in the fields of Maths or Physics in depth. I studied a field of maths called Inverse Problems, which I continue to do now as a PhD researcher. This project provided me with both an opportunity to carry out an exploratory investigation and a means to begin a career as a postgraduate researcher. In this role, I study the maths underlying the techniques of medical imaging and look to enhance current modalities. To do this, I employ various formula and theorems that I have studied throughout my course. This allows us to create better algorithms to improve the quality of the images of the interior of a body, so that we can detect anomalies in the body.

Studying here at UL has helped me to develop the skills necessary for a wide variety of jobs in industry and academic research; skills I still use today. Studying subjects like Electromagnetism, Modern Physics and Solid State Physics has given me an understanding of the various physical phenomena at play in my research, while the mathematic modules I have studied, such as Partial Differential Equations and Calculus, have given me a good understanding of the equations and numerical techniques used throughout my work. My advice to all applicants is to choose a course that you will enjoy. It'll lead to a far more successful and fulfilling career than choosing a course that is "supposed" to lead to a good job.

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
Baitsiléir Eolaíochta in Eacnamaíocht agus Matamaitic

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

This degree programme was developed in response to trends in the labour market indicating the increasing premium that business sectors place on highly numerate graduates who also possess an understanding of the economic and commercial environment. There is always demand from employers for such graduates in various spheres; business, education, as well as the public and financial sectors.

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

Laoise Coughlan

My name is Laoise and I'm currently working as a Data Science Consultant in the Applied Intelligence Department of Accenture Dublin. I graduated from the University of Limerick in 2020 with a BSc in Economics and Mathematical Sciences.

My first introduction to Accenture was during my co-op placement in 2019 which was organised through the UL Cooperative Placement Programme. This was a 7-month internship which gave me insight of life working in the data science industry and heavily influenced my future long term career decision.

I returned to Accenture in January 2021 and have worked across various projects and industries over the last 2 years.

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.



Course Info

CAO Points 2022: 489

Course Length: 4 Years

Course Director: Dr. Ning Liu

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

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.

Science: H4 in any one of the following: Applied Mathematics, Chemistry, Engineering, Physics, Physics with Chemistry.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page. **QQI Pathways:** Please refer to the online course page.

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.



Course Info

Entry Route: LM125 Physics Common Entry

Course Director: Dr. 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/physics-common-entry

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.

Many of the Department's faculty members are also members of the Bernal Institute, one of the leading research institutes in Ireland, which houses nationally unique microscopy, spectroscopy and process infrastructure. Students gain access to this infrastructure through undergraduate laboratory courses and fourth year projects.

Entry route to BSc Applied Physics at UL is via LM125 Physics Common Entry.

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 Cooperative Education 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 Cooperative Education 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.



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 BSc 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.

Course Info

Course Director: Prof Daniel Toal

Email: Daniel.toal@ul.ie

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

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.

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.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways:

Electricity is going to play a huge role in the transition to a sustainable future. In Ireland, and around the world, renewable sources of generation such as wind and solar are coming on stream at a phenomenal rate, electricity networks are being transformed into smart grids, and demand for electricity is soaring as transport and heat are being electrified in the race to zero carbon emissions. With the clear potential for abundant offshore wind generated electricity, especially off our Atlantic Coast, Ireland is positioned to become globally important for many industrial sectors such as data centres and chemical processing who want to enjoy these benefits and play their role in this sustainable future. This degree in Electrical Engineering will provide you with the knowledge and skills to play a part in this story and prepare you for a successful and rewarding career with a wide range of potential opportunities.

The programme can be undertaken as either a four-year (Bachelor of Engineering, BE) degree programme or a five-year (Master of Engineering, ME) degree programme. All students would initially enter the BE degree programme route, and can either graduate with a

BE degree at the end of the fourth year of study or have the option to continue into the fifth year Masters degree by transferring into the ME degree programme at the end of the fourth year rather than graduating with a BE degree. The Masters route is advised for those who would like to pursue the option of becoming a Chartered Engineer with Engineers Ireland after a suitable period of professional experience.

Want to know more? Go to: <https://www.ul.ie/scieng/schools-and-departments/department-electronic-and-computer-engineering/undergraduate-courses>

About You

You are thinking ahead. You understand that we are on the verge of a sustainable energy transition and you know that electricity is going to be big part of the future. You want to be part of this and to put your problem-solving skills to use for a bigger goal as part of a successful and rewarding career.

Why study Electrical Engineering - Engineering at UL?

We have designed this programme with industry to provide the best of a classical electrical engineering degree but also included the most cutting-edge topics including transport, cybersecurity, smart grids and artificial intelligence. Ireland's mid-west region is poised to be globally important for offshore wind energy and the abundance of electricity that will be available will attract many new industries into this region. Electrical Engineers have been identified as a major skill need by the government over the coming decades as they recognise how important they are for the national and international targets we have signed up to for carbon emissions reduction.

What you will study

This programme of study will cover all the major components to allow you to become a successful Electrical Engineer. These include all the traditional topics such as Electrical Machines, Electrical Power Systems, Power Electronics, Energy Management, Energy Storage and Electrical Automation. Given the increasingly important role of data in the generation and use of electricity it also includes much more modern topics such as Cybersecurity and Artificial Intelligence which are necessary to make electricity systems smarter and more secure. All of these topics build on foundational engineering modules which are taken in years 1 and 2 of the programme.

Work experience is obtained through an eight-month period of Cooperative Education (Co-op), which is an integral part of the programme. Co-op will provide students with real-world industrial experience and practice. This will be taken in the summer at the end of second year and the first semester of the third year of the programme.

In year four, the final year of the BE programme, students aiming to graduate with a BE degree will undertake a major individual project, which in general aims to solve a real-world problem. The project involves advanced design and implementation work and builds confidence by putting into practice the skills and knowledge that have been acquired throughout the programme of study.

Master of Engineering (ME) Track (year five). The ME track enables students to gain a broader and deeper understanding of a range of advanced topics in energy including "Electrification of Transport", "Wind, Ocean and Hydro Energy", "Solar and Nuclear Energy" amongst others. Students will also undertake a major individual project. Students will select the ME track in year three of the programme and will study the ME track subjects in year 4.

Career Opportunities

Future graduates of the BE/ME Electrical Engineering programme are expected to be in high demand as we transition to a more sustainable energy system and we will prepare you for a wide range of potential careers across this sector. You might go to work in power generation, electricity distribution, smart grid, electric vehicles, facilities management, power electronics, energy analytics, data centre design and operation, grid security, or a host of other potential opportunities. Your career could see you join a major utility company, a multinational tech company, a large construction firm, or an exciting startup. You may also choose to continue with further study and pursue a PhD and subsequently a research or academic career.

It is anticipated that there will be major sources of employment in the mid-west region in line with the ambition to make the Shannon Estuary a hub for harnessing offshore wind generated electricity.



Course Info

CAO Points 2023: 803 including portfolio.

Course Length:

Degree: NFQ Level 8 - 3 years
 Masters: NFQ Level 9 - 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: H4

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.

Other: Portfolio Required

Note: All applicants are required to submit an annotated portfolio of creative work, and a written statement, and may be called for an interview. The portfolio is worth up to an additional 300 points for CAO applicants. Details about the portfolio and the submission process will be available online at <https://software-engineering.ie>

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.

Note: Applications from mature students are welcome. Mature applicants must apply through the Central Applications Office (CAO) by 1 February.

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 2022: 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

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.

Course Info

CAO Points 2022: 351

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

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

Additional info: **Note:** It is desirable that candidates should have a reasonable level of competency in horse riding and/or have experience of working with horses.

Alternative entry pathways: **Mature Pathways:** Please refer to the online course page.
QQI Pathways: Please refer to the online course page.

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/certificate-equine-science-diploma-equine-science



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.

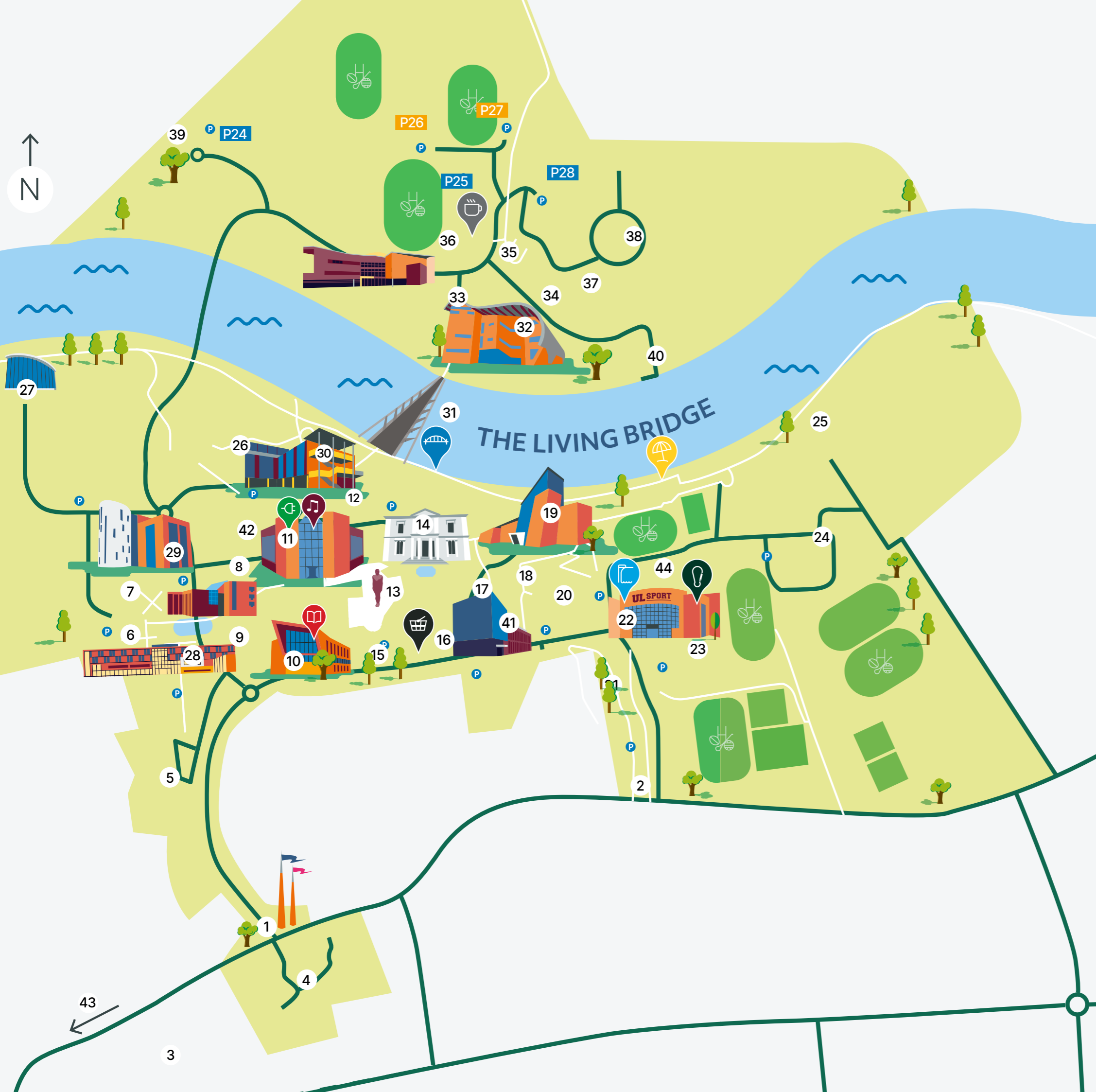
Orla currently works as Registration Manager at Coolmore/Castlehyde Stud in Tipperary.



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.

University of Limerick Campus



Analog Devices Building	41
Bike Hub	42
Boathouse	27
Cappavilla Student Village	38
Castletroy Park Hotel	3
Computer Science Building	8
Dromroe Student Village	26
East Gate Entrance	2
Engineering Research Building and Millstream Courtyard	12
Foundation Building and University Concert Hall	11
Glucksman Library and Information Services Building	10
Grounds/Maintenance Compound	21
Health Sciences Building	32
Horticultural Unit	25
International Business Centre	7
International Science Centre	5
Irish Chamber Orchestra Building	37
Irish World Academy Building	33
Kathleen Lonsdale Building	17
Kemmy Business School	28
Kilmurry Student Village	24
Languages Building	30
Main University Building	13
Main University Entrance	1
Materials and Surface Science Institute	18
Medical School Building	34
Munster Rugby High Performance Centre	44
Pavilion and All Weather Pitches	36
Physical Education and Sports Sciences Building	19
Plassey House and University Close	14
Plassey Student Village	4
President's House	40
Quigley Residences	35
Robert Schuman Building	6
Schrödinger Building	20
Silver Apples Crèche	9
Student Centre, Shops, Banks, Bars	16
The Living Bridge	31
The Sports Club	23
Thomond Village	39
Tierney Building	29
Troy Student Village	43
UL Sport Building	22
Visitors Information Centre	15



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