Ollscoil Mhá Nuad
Maynooth University

Maynooth University
National University
of Ireland Maynooth

UNDERGRADUATE PROSPECTUS 2025

Step in a direction uniquely yours

CONTENTS

FÁILTE AN UACHTARÁIN
PRESIDENT'S WELCOME

Mar Uachtarán Ollscoil Mhá Nuad tá ríméad orm go bhfuil sé ar intinn agat teacht anseo chun staidéar a dhéanamh linn.

Tá oideachas sármhaith i réimse leathan ábhar ar fáil in Ollscoil Mhá Nuad. Is deis foghlama eisceachtúil é oideachas ollscoile óir bíonn tú in ann snas a chur ar do chuid smaointeoireachta, agus forbairt mar dhuine. Cuireann sé an bunús don saol gairmiúil a bheidh agat amach anseo agus an bunús do thodhchaí shaibhir amach anseo ar fáil duit.

I Má Nuad, creidimid sa chumhacht a bhaineann le hoideachas chun todhchaí níos fearr do chách a shamhlú agus a chruthú. Táimid tiomanta ag an gcreideamh seo i ngach aon rud a dhéanaimid agus múnlaíonn sé an t-eispéireas aonaránach a chuirimid ar fáil dár mic léinn.

An rud a sheasann amach fúinne ná cé chomh tiomanta is atáimid don dínit, meas agus aire a thugaimid dá chéile agus don mhuintearas eadrainn. Comhoibríonn ár bhfoireann go fíor-mhaith lena chéile, tá comhionannas agus ceartas sóisialta fíor-thábhachtach dúinn agus is é an cultúr atá againn ná barr feabhais a bhaint amach i gcónaí.

Táimid ag iarraidh go mbainfidh tú an méid is mó as oideachas ollscoile agus is féidir. Chomh maith leis an smaointeoireacht is déanaí san ábhar atá roghnaithe agat, beidh an deis agat scileanna criticiúla don todhchaí agus do na dúshláin atá romhainn sa tsochaí – sonraíocht, inniúlacht dhigiteach agus inbhuanaitheacht ina measc – a fhoghlaim.

Cabhróimid leat leis na scileanna intleachtúla a theastaíonn uait chun dul i mbun smaointeoireachta go criticiúil, chun anailís a dhéanamh ar chúrsaí casta, chun do chuid smaointe a chur in iúl go soiléir agus chun dul i mbun oibre le daoine eile go héifeachtach. Bíonn an deis tugtha do mhic léinn chomh maith modúil a dhéanamh taobh amuigh de do phríomhábhair, chun dul i mbun staidéir thar sáile agus chun taithí oibre phraiticiúil a bhaint amach duit féin. Tá saineolas ag athrú de shíor ach mairfidh na scileanna agus eispéiris bhunúsacha seo go deireadh an tsaoil.

Beidh tú i do bhall denár gcampas bríomhar chomh maith. Tá réimse éagsúil clubanna agus cumann ar fáil a thabharfaidh a lán deiseanna duit chun taitneamh a bhaint as spéiseanna taobh amuigh den churaclam, chun aithne a chur ar do chomhscoláirí agus chun caidrimh ar feadh an tsaoil a fhorbairt.

Má tá ollscoil uait a chuirfidh dúshlán romhat, a thabharfaidh inspioráid duit agus a chumhachtóidh thú, is í Ollscoil Mhá Nuad an áit duitse.

As President of Maynooth University, I'm delighted that you are considering studying with us.

Maynooth University offers an outstanding education in a wide range of subjects. A university education is an extraordinary opportunity to learn, refine your thinking, acquire skills, and develop as a person. It provides the foundation for your career and a fulfilling future.

At Maynooth, we believe in the power of education to imagine and create a better future for all. This belief drives everything we do and shapes the unique experience we offer our students.

What sets us apart is our deep commitment to dignity, respect, and care for each other, and our strong sense of community. You'll find collegiality among our staff, a dedication to equity and social justice, and a culture of continuous improvement.

We want you to get the most from your university education. As well as the latest thinking in your chosen subject, you'll learn essential skills in data, digital literacy, and sustainability - skills that will be critical to the future of work and the societal challenges we face.

We'll help you develop the intellectual skills to think critically, analyze complex issues, make good decisions, communicate your ideas clearly, and work well with others. We also offer opportunities to broaden your interests through modules outside your core subjects, studying abroad, and gaining practical work experience. Knowledge is always changing, but these foundational skills and experiences will last a lifetime.

You will also be part of our vibrant campus. Our diverse range of clubs and societies offers you many opportunities to enjoy extracurricular interests, engage with fellow students, and develop lifelong friendships.

If you are looking for a university that will challenge you, inspire you and empower you, Maynooth University is the place for you.

Professor Eeva Leinonen
President, Maynooth University

An tOllamh Eeva Leinonen
Uachtarán, Ollscoil Mhá Nuad

FIND YOUR DEGREE BY
AREA OF INTEREST

OUR TWO BROAD-BASED DEGREES: BACHELOR OF ARTS MH101 & BACHELOR OF SCIENCE MH201

OPC (Open Choice Option):
You can choose OPC on your CAO application and decide on your preferred degree stream following admission. You must meet the minimum entry requirements for your preferred stream. Available in these degrees:

MH212	MH502	MH602
MH404	MH601	MH803

OUR SPECIALISED DEGREES: SECTION 3 TO SECTION 9

FIND YOUR DEGREE BY
CAO CODE

OPC (Open Choice Option):
You can choose OPC on your CAO application and decide on your preferred degree stream following admission. You must meet the minimum entry requirements for your preferred stream. Available in these degrees:
MH212
MH404
MH502
MH601
MH602
MH803

Scan to visit our Course Finder

LEVING CERTIFICATE
MINIMUM ENTRY REQUIREMENTS

CAO Code	Sub-option Code	Degree Name	Points 2024	Irish	English	Third Language	Maths	Science	Other Subjects
MH001		BEd Education – Froebel Primary Teaching	507	H4	O4/H7		O4/H7		3
MH002^		BEd Education – Froebel Primary Teaching (Gaeltacht Applicants)	No offers	H3	O4/H7		O4/H7		3
MH003		BA Early Childhood - Teaching and Learning (full-time)	389	P	P				4
MH101		The Maynooth Bachelor of Arts Degree	307	P	P	P			3
		> Accounting		P	P	P	O4/H7[a]		3
		> Anthropology		P	P	P			3
		> Business (International)		P	P	P	O4/H7[a]		3
		> Business (Management)		P	P	P	O4/H7[a]		3
		> Business (Marketing)		P	P	P	O4/H7[a]		3
		> Chinese Studies		P	P	P			3
		> Classical Studies		P	P	P			3
		> Computer Science		P	P	P	O3/H7[a]		3
		> Criminology		P	P	P			3
		> Economics		P	P	P	O4/H7[a]		3
		> English		P	P	P			3
		> Finance		P	P	P	O4/H7[a]		3
		> French		P	P	P			3
		> Gaeilge | Nua-Ghaeilge		H4[b]	P	P			3
		> Geography		P	P	P			3
		> German		P	P	P			3
		> History		P	P	P			3
		> International Development		P	P	P			3
		> Law		P	P	P			3
		> Mathematical Physics		P	P	P	O3/H7[a]		3
		> Mathematical Studies		P	P	P	O3/H7[a]		3
		> Mathematics (Pure)		P	P	P	H2[c]		2
		> Media, Film and Cultural Studies		P	P	P			3
		> Medieval Celtic Studies		P	P	P			3
		> Music[d]		P	P	P			3
		> Music Technology		P	P	P	O3/H7[a]		3
		> Philosophy		P	P	P			3
		> Politics		P	P	P			3
		> Psychological Studies		P	P	P			3
		> Sociology		P	P	P			3
		> Spanish		P	P	P			3
		> Statistics		P	P	P	O3/H7[a]		3
MH103		BMus Music	#	P	P	P			3
MH106		BA Psychology	532	P	P	P			3
MH107		BSocSc Social Science	318	P	P	P			3
MH109		BA Media Studies	357	P	H5	P			3
MH111		BA Creative Writing and English (NEW)	N/C	P	H5	P			3
MH116		BSocSc Community and Youth Work (full-time)	#	P	P	P			3

CAO Code	Sub-option Code	Degree Name	Points 2024	Irish	English	Third Language	Maths	Science	Other Subjects
MH201		The Maynooth Bachelor of Science Degree	350	P	P		O4/H7	S M	2
		> Biology		P	P		O4/H7	S M	2
		> Chemistry		P	P		O4/H7	S M	2
		> Computer Science		P	P		O4/H7	S M	2
		> Data Science		P	P		O4/H7	S M	2
		> Engineering Science		P	P		O4/H7	S M	2
		> Experimental Physics		P	P		O4/H7	S M	2
		> Mathematical Physics		P	P		O4/H7	S M	2
		> Mathematics		P	P		O4/H7	S M	2
		> Statistics		P	P		O4/H7	S M	2
MH202		BSc Biotechnology	444	P	P		O4/H7	S	2
MH203		BSc Biological and Geographical Sciences	410	P	P		O4/H7	S^g	2
MH204		BSc Physics with Astrophysics	383	P	P		O4/H7	S M	2
MH206		BSc Theoretical Physics and Mathematics	513	P	P		H2	S M	2
MH207		BSc Data Science	423	P	P		O1/H5	S M	2
MH208		BSc Biological and Biomedical Sciences	470	P	P		O4/H7	S	2
MH209		BSc Psychology (through Science)	518	P	P		O4/H7	S	2
MH210		BSc Pharmaceutical and Biomedical Chemistry	451	P	P		O4/H7	S	2
MH212 •	SED	BSc Science (with Education)	420	P	P		O4/H7	S M	2
	MCS	BSc Mathematics and Computer Science (with Education)	420	P	P		H4	S M	2
	MED	BSc Mathematics (with Education)	420	P	P		H4	S M	2
MH221		BSc Sport Science and Health	462	P	P		O4/H7	S	2
MH222		BSc Food Science and Human Nutrition	441	P	P		O4/H7	S	2
MH304		BE Electronic Engineering	355	P	P		H4 ◊	S M ‡	2
MH305		BSc Product Design and Innovation	329	P	P		O3/H7		3
MH306		BSc Robotics and Intelligent Devices	350	P	P		O3/H7		3
MH401		BA Finance	361	P	P		O4/H7		3
MH402		BSc Quantitative Finance	455	P	P		O1/H5		3
MH403		BA Accounting and Finance	409	P	P		O4/H7		3
MH404 •	BMA	BBS/BBA Business and Management	400	P	P		O4/H7		3
	INB	BBS/BBA International Business	400	P	P		O4/H7		3
	MKT	BBS/BBA Marketing	400	P	P		O4/H7		3
	BGC	BBS/BBA Business and Management and Global Cultures	400	P	P		O4/H7		3
	IGC	BBS/BBA International Business and Global Cultures	400	P	P		O4/H7		3
	MGC	BBS/BBA Marketing and Global Cultures	400	P	P		O4/H7		3
MH407		BBS/BBA Business and Accounting	400	P	P		O4/H7		3
MH409		BBA Business and Languages	400	P	P		O4/H7		3
MH411		BBS/BBA Entrepreneurship	360	P	P		O4/H7		3
MH412		BSc/BBA Business with Sport Science	487	P	P		O4/H7		3
MH415		BSc Economics	423	P	P		O1/H5		3
MH416		BA International Economics	421	P	P		O4/H7		3
MH501		LLB Law	451	P	P				4
MH502 •	LWA	BCL Law and Accounting	418	P	P		O4/H7		3
	LWB	BCL Law and Business	418	P	P		O4/H7		3
	LWC	BCL Law and Criminology	418	P	P				4
	LWD	BCL Law and Arts	418	P	P				4

Visit our Course Finder

CAO Code	Sub-option Code	Degree Name	Points 2024	Irish	English	Third Language	Maths	Science	Other Subjects
MH503		BCL Law and Languages	430	P	P				4
MH504		BA (Criminology) (NEW)	N/C	P	P				4
MH601 •	CSA	BSc Computer Science and Software Engineering (through Arts)	380	P	P		O3/H7		3
	MWA	BSc Multimedia, Mobile and Web Development (through Arts)	380	P	P		O3/H7		3
MH602 •	CSS	BSc Computer Science and Software Engineering (through Science)	401	P	P		O3/H7		3
	MWS	BSc Multimedia, Mobile and Web Development (through Science)	401	P	P		O3/H7		3
MH603		BSc Computational Thinking	577	P	P		H2		3
Part-time or Flexible Degrees									
MH004^^		BA Early Childhood - Teaching and Learning (flexible)	^^						
MH803 •		BA Local Studies or Community Studies (part-time, evening) - mature applicants only i.e. 21 years of age or older on 1 January 2025	Ÿ						
	BLS	BA in Local Studies	Ÿ						
	BCS	BA in Community Studies	Ÿ						

a Recommended grade (not required)

b No beginner stream in this subject – Leaving Certificate H4 or equivalent required

c H2 Leaving Certificate Mathematics or equivalent required

d Leaving Certificate H5 in Music or equivalent required

g A pass in Leaving Certificate Geography is acceptable as a science subject

^ MH002 is another application route for students who reside in officially designated Gaeltacht Language Planning areas and who use Irish as the normal language of the home (applicants must include their Eircode when applying to MH002). Applicant details will be forwarded to the Department of Education to determine eligibility for this route. Minimum entry requirements for MH002: as MH001 apart from the LC points requirement and the H3 Irish requirement.

M A pass in Leaving Certificate Applied Mathematics is acceptable as a science subject

P Pass required: O6 or H7. Foundation level Mathematics is accepted for matriculation (i.e. can be counted as one of the six subjects required - grade F6 or higher), but does not meet the requirement for degrees where Mathematics is a special programme requirement. Foundation level Irish is not accepted for matriculation. Points are not awarded for either subject.

S O6 or H7 science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry)

• OPC (Open Choice Option): Choose OPC on your CAO application and decide on your preferred degree stream following admission. You must meet the minimum entry requirements for your preferred stream.

‡ A pass in Leaving Certificate Technology can be substituted for a science subject

◊ Applicants under 23 years of age must have at least 350 points

Restricted-application course. Selection for restricted-application courses is on the basis of one or a combination of a portfolio/test/audition as well as meeting any matriculation requirements.

* Random Selection - not all applicants on these points were offered places

^^ Applications to MH004 BA Early Childhood - Teaching and Learning (flexible) are made on the Advanced Entry portal on the CAO website. Minimum QQI level 6 in Early Childhood Education & Care required. MH004 will run subject to sufficient numbers in 2025. A decision on September 2025 intake will be made in May 2025. For more details please contact the Department.

Ÿ Mature entry only (21 on January 1st of the year of entry)

N/C New Course

GENERAL NOTES RE: MATRICULATION

1. Minimum entry requirements for all degrees (apart from MH001/MH002): applicants must present a minimum of 6 subjects in their Leaving Certificate, with minimum grades 2 Higher Level H5 and 4 Ordinary or Higher Level O6/H7, including Irish and English.

2. The minimum requirements for MH001 and MH002 are 3 Higher Level H5, and 3 Ordinary Level O6 or Higher Level H7. The minimum subject requirements are H4 Irish (H3 minimum required for MH002), O4/H7 English and O4/H7 Maths.

3. Foundation level Mathematics is accepted for matriculation (i.e. can be counted as one of the six subjects required - grade F6 or higher), but does not meet the requirement for degrees where Mathematics is a special programme requirement. Points are not awarded for this subject.

4. Foundation level Irish is not accepted for matriculation. Points are not awarded for this subject.

5. Leaving Certificate Vocational Programme (LCVP) Link Modules
    Points are awarded as follows:
    > Distinction 66
    > Merit 46
    > Pass 28

6. Applicants can use their points allocation for the Link Modules as one of their best six subjects for the purpose of calculating points, but the Link Modules do not qualify as a subject for minimum entry requirement purposes.

7. NUI Exemption: If you have or are seeking an exemption from minimum entry requirements such as Irish (ROI applicants only) or a third language you must ensure this is an official NUI Exemption. Contact the NUI (www.nui.ie) for details.

    www.mu.ie/level8

MAYNOOTH UNIVERSITY
A SUMMARY

STUDENT NUMBERS

STUDENT NUMBERS HAVE SOARED FROM 4,000 IN 1997 TO MORE THAN 16,000 IN 2024

13,700+
UNDERGRADUATE STUDENTS

2,300+
POSTGRADUATE STUDENTS

23%
STUDENTS WITH INTERNATIONAL /NON-EU CITIZENSHIP

YOUNG UNIVERSITY RANKINGS

MAYNOOTH UNIVERSITY IS NAMED AS ONE OF THE TOP THREE YOUNG UNIVERSITIES IN IRELAND, PLACING AT 86TH GLOBALLY IN THE 2024 TIMES HIGHER EDUCATION (THE) RANKINGS.

DIVERSITY

1% of new entrants to our undergraduate degrees are students with a disability

3% of new entrants are mature students

12% of students are from a disadvantaged background

93%
OF MAYNOOTH UNIVERSITY GRADUATES ARE IN EMPLOYMENT OR IN FURTHER STUDIES/TRAINING

From computer programmers to teachers, scientists to journalists, graduates from Maynooth University pursue a wide variety of careers. See p. 12 for more about the range of leading companies hiring MU graduates.

2022 Graduate Outcomes Survey

GLOBALLY CONNECTED UNIVERSITY

MOST STUDENTS HAVE AN OPPORTUNITY TO STUDY ABROAD, EITHER FOR A SEMESTER OR A FULL ACADEMIC YEAR, GRADUATING WITH AN INTERNATIONAL DEGREE.

1,300+ staff from over 40 countries.

CAMPUS ATMOSPHERE

MAYNOOTH UNIVERSITY IS A PLACE OF LIVELY CONTRASTS

– A MODERN INSTITUTION, DYNAMIC, RAPIDLY-GROWING, RESEARCH-LED AND ENGAGED

– YET GROUNDED IN HISTORIC ACADEMIC STRENGTHS AND SCHOLARLY TRADITIONS.

CAO MOST POPULAR

FIRST PREFERENCE COURSE

The Maynooth Bachelor of Arts Degree MH101 has been among the most popular top preference level 8 CAO degrees for a number of years, receiving most 1st preference applications.

4,880+

CAO FIRST PREFERENCE APPLICATIONS IN 2024

(+6% ON 2023 APPLICATIONS)

UNIQUE FLEXIBLE CURRICULUM

Many of our students enjoy flexibility and choice in their degree programme pathway.

IRELAND'S OLDEST
UNIVERSITY TOWN

Maynooth University is located in the heart of Ireland's oldest university town. At just 25 kilometres from the city of Dublin, Maynooth was voted Ireland's Tidiest Town in 2023. Surrounded by the rich heritage and beauty of Kildare, our students enjoy the conveniences of a busy town, a growing university campus, and close proximity to Dublin.

ALUMNI
OVER 100,000 ACROSS THE GLOBE

SOME OF THE COMPANIES HIRING OUR GRADUATES

ACCENTURE / AIB / AMAZON / APPLE / AVIVA IRELAND / BANK OF AMERICA / BANK OF IRELAND / CENTRAL BANK OF IRELAND / DELOITTE / DEPARTMENT OF EDUCATION / EY / GOOGLE / GRANT THORNTON HSE / IBM / INTEL / INTERCOM / IRISH DISTILLERS / KERRY GROUP / KPMG / LINKEDIN / MATHESON LLP / META / MICROSOFT / PADDY POWER / PFIZER / PWC / RTÉ / SALESFORCE / TIKTOK / WORKHUMAN

CIARA MC DONALD – ALUMNA

From Maynooth to Antarctica, two-time MU alumna Ciara McDonald's 10-year academic journey led her to her current role, based in Rothera Research Station, Antarctica, where she became the station's first female "wintering" electronics engineer.

As the solo Electronics Engineer on base, Ciara is expected to act autonomously and react to a varying range of issues that come her way. Ciara credits her PhD experience, and the rollercoaster of emotions and challenges it presents, in helping prepare her for the role.

In 2012, Ciara started her academic journey at MU through the general entry to Electronic Engineering, but then opted for the extended 5-year programme, graduating with a Master's in 2017. The following year, she started a PhD specialising in telecommunications, where she worked in conjunction with Nokia Bell-Labs and PureLifi, Ltd. This ultimately resulted in her PhD thesis, "Improving Spectral Efficiency, Reliability and Latency in Optical Wireless Communications." She graduated in September 2023.

Ciara loved her time at MU, saying the intimate classroom sizes and close friendships she made forged a sense of community that prompted her to stay for a decade.

Facing pivotal career decisions with only six months of PhD funding left, Ciara craved a bit of adventure. She applied for a job at the British Antarctic Survey, and waited.

In the meantime, she started a job with mBryonics, a start-up Aerospace company based in Galway. With her thesis in for review, Ciara moved out West.

But just three months into her new career, the British Antarctic Survey invited her to interview. Knowing the role could offer her an unparalleled chance to face different challenges and explore the world, when the role at Rothera Research Station in Antarctica was offered to her, she leapt.

Today, Ciara works in some of the most challenging environments on Earth. She has travelled across Antarctica in a Twin Otter Plane to various field sights, including to the Halley VI Research Station, an internationally important platform built on a floating ice shelf that is used for global earth, atmospheric and space weather observation. No two days are the same and she feels fortunate to have the opportunity to work in both indoor and outdoor settings.

Ciara's motivation is one of legacy and hope:

"I am part of the science that once found the ozone hole, that tracks glacial recession, that highlights the dangers of climate change to the world and that advocates for better laws surrounding our climate".

Ciara McDonald
MH304 BEng, MEng Electronic Engineering
PhD Electrical, Electronic and Communications Engineering Technology
Electronics Engineer, British Antarctic Survey

MAYNOOTH UNIVERSITY
CAMPUS FACILITIES

The campus spans extensive grounds with the older complex of fine nineteenth century buildings on the South Campus and a modern complex of teaching, research, accommodation and support facilities on the North Campus. Some of our campus facilities are outlined here.

STUDENT ACCOMMODATION

FIRST YEAR STUDENTS

Approximately 1,200 students live on campus. The main campus accommodation is situated just a short walk to all lecture, sports and recreational facilities on the North Campus.

Currently 50% of all campus accommodation is reserved for new first year students. The average annual cost for a room in Student Residences on campus runs from between €5,500 to €7,000 depending on choice of room and facilities.

Full details of how to book a room are updated each year on the Student Residences Office webpages. A booking fee is payable to confirm a booking.

Entrance Scholars (over 575 points) have a guaranteed option of residing on campus (normal charges apply). See p. 24 for more details.

www.maynoothuniversity.ie/student-residences

ask on webchat

IRISH LANGUAGE ACCOMMODATION / SCÉIM CHÓNAITHE

We reserve rooms on campus in the Scéim Chónaithe where students have the opportunity to use the Irish Language as their day-to-day language and can get involved in Irish cultural events and activities.

OFF-CAMPUS ACCOMMODATION

MaynoothStudentpad.ie is a self-service, online off-campus accommodation listing service for registered Maynooth University students. There are different accommodation options to choose from in Maynooth and the surrounding towns and villages, such as rooms to rent in owner occupied homes (the traditional 'digs' style accommodation), as well as private rented apartments and houses.

For more information please visit:
MaynoothStudentpad.ie

SHORT-STAY OR OCCASIONAL ACCOMMODATION

Maynooth Campus offers short-stay or occasional accommodation in standard and en-suite rooms. The South Campus rooms are ideal for frequent/repeat short stays, e.g. students who need a room every Tuesday and Wednesday night during timetable weeks. Also a good option for ad hoc stays, e.g. if studying late or avoiding the commute now and again. Special rates apply for frequent, multiple-night stays. Once students know their schedule for the semester, they simply fill out the frequent stay form (link available via the website below) with the required dates and, subject to availability, Maynooth Campus will confirm. They offer a reasonable cancellation policy, flexible ways to book, long opening hours and special student rates.

Check out www.maynoothcampus.com for further information

SPORTS FACILITIES INCLUDE:

> **Sports halls**
> **Fitness centre**
> **Fully equipped gym**
> **Weights room**
> **Changing rooms**
> **Outdoor fitness area featuring 60m sprint track and calisthenics equipment**
> **Floodlit natural turf playing fields**
> **Floodlit all-weather playing pitch**

The sports halls host activities including basketball, fencing, karate and archery. Weekly aerobics and circuit training sessions also take place in the sports halls.

The outdoor playing fields cater for Gaelic football, hurling, soccer, camogie and rugby. The nearby River Liffey plays host to MUCK – the canoe and kayak club. Walking, golf or horse riding are options at the nearby Carton Estate.

The University has acquired 60 acres of adjacent land for the development of additional sport and recreational facilities. Plans are currently underway to significantly enhance student sporting facilities further on this adjacent space.

www.maynoothuniversity.ie/campus-life/sports

LIBRARY

The Library offers a wide range of study and social facilities including a café, laptop lending and WiFi. It is an eco-friendly building with a seeded roof and a range of technologies that minimise its impact on the environment.

With access to over **850,000 ebooks, 95,000 ejournals, 300 databases and over 460,000 print publications**, the Library help you to make the most of your time in MU. It has a range of study areas, laptops, PCs and group study rooms fully equipped with AV facilities.

The Library also has lots of spaces to relax including a Café, an Exhibition space and landscaped atrium. There are three energy pods to relax and recharge in as well as a sensory regulation pod, Cubbie. For more ways to unwind, they also have a Short Story Dispenser!

Library staff are here to help you find, use and manage information. Library Information Skills tutorials are on the website, and dedicated staff can help you at any time during the day in-person, via Library Chat, on social media, by email or phone.

www.maynoothuniversity.ie/library

CAFÉS AND DINING ON CAMPUS

> **Nourish** – Arts Building
> **Phoenix Food Court** – Phoenix Building
> **Griolladh** – John Hume Building
> **Starbucks** – The Library
> **53.3 Degrees** – TSI Building
> **Students' Union Bar** – North Campus
> **Pugin Hall** – St. Patrick's House on the South Campus

*Venue names and product offerings can change.

WIDENING
PARTICIPATION

The Maynooth Access Programme (MAP) actively promotes access to higher education and provides a number of initiatives to remove barriers and to create realistic expectations for educational progression among schools, parents, adult learners and communities who are historically furthest away from higher education.

Under-represented groups include students from socio-economically disadvantaged backgrounds, mature students and students with disabilities. MAP provides information on access routes to higher education and a range of personal, academic and financial supports that enable students to become independent learners, thereby easing the transition from school to university and from university to career.

The supports for all MAP students include a MAP Academic Advisor in every department, an extended orientation throughout the first semester (MAP My Way) and technology training to introduce useful educational apps and tools.

Visit the Access Office online to find out about the entry routes and the supports available through MAP at
www.maynoothuniversity.ie/access-office

TACKLING EDUCATIONAL DISADVANTAGE

School leavers from long-term socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland can apply through the CAO to the Higher Education Access Route (HEAR), which offers places on reduced points at Maynooth University. HEAR entrants receive extra college support through MAP (the Maynooth Access Programme) that is personal, academic and financial in nature and designed to promote confidence and independence, as well as opening up employment prospects. HEAR supports include a dedicated MAP Student Advisor and financial and technology supports. For more information on HEAR, please visit **accesscollege.ie/hear**.

ask on webchat

Maynooth University strives to create an inclusive campus community where all students have the same opportunities to learn, socialise, participate and progress.

MATURE STUDENTS

Maynooth University is the leading institution in the country for welcoming and encouraging mature applicants, and in providing a learning environment that is supportive and inclusive of mature students. A mature student is a person who is at least 23 years of age on January 1 of year of entry and there is no upper age limit. Maynooth University greatly values the particular contribution of mature students to the academic and social environment of the University, and reserves up to 10% of places on all undergraduate programmes for mature students. Currently up to 200 mature students begin their studies here each year.

Supports for mature students include summer academic skills courses, preparatory courses with guaranteed progression to degrees, advice and guidance on the application/selection process, MAP Academic Advisors and MAP Student Advisors. For more information on the mature entry route, see page 154 and contact the Mature Student Office at **www.maynoothuniversity.ie/mature**.

STUDENTS WITH DISABILITIES

MAP offers a range of supports to students with disabilities who comprise over 8% of the student body at Maynooth, one of the highest participation rates in the country. Supports include a dedicated MAP Student Advisor, examination accommodations, Educational Support Workers (e.g. academic personal assistant, note taker or sign language interpreter), Student Central academic support programme, work placement supports and technological supports. Students can apply for disability support under any of following disability categories: autism spectrum disorders, ADD/ADHD, blind or low vision, Deaf or hard of hearing, DCD/dyspraxia, mental health conditions, neurological conditions including brain injury and speech and language disabilities, significant ongoing illnesses, physical disability and specific learning difficulties including dyslexia and dyscalculia.

School leavers with a disability who are resident in the Republic of Ireland can apply through the CAO to the Disability Access Route to Education (DARE), which offers places on reduced points at Maynooth University. For more information on DARE, please visit **accesscollege.ie/dare**.

A Maynooth University student with a disability can apply for disability support at any time regardless of their entry route, but early registration is strongly recommended. Visit the Disability section for information on the applying for support, the documentation required, the consultants/specialists that can verify a disability and the age limits on reports at **maynoothuniversity.ie/disability**.

Those applying for HEAR and/or DARE must be under the age of 23 as of 1 January 2025. There are other admissions routes for mature and QQI applicants. See p. 154 for more about these application routes.

APPLICANT WITH A DISABILITY: EXAMINATION SUPPORTS

If you have a disability or specific learning difficulty (e.g. dyslexia), and require support for any required written exercise/interview/online video audition which may form part of your application assessment (the relevant courses/applicant groups are listed below), you must complete an online request form and submit supporting documentation by 15 March 2025. Applications for alternative examination accommodation cannot be considered after this deadline.

> **Restricted-application courses:** these courses (MH103 BMus and MH116 BSocSc Community and Youth Work) have early assessment procedures which apply to all categories of applicant (e.g. school-leavers, mature students). These assessments may start as early as February 2025.

> **Mature students:** a written exercise/interview/online video audition may form part of the mature student application procedure.

See www.maynoothuniversity.ie/disability and www.maynoothuniversity.ie/matureapplicants for more information.

STEM PASSPORT FOR INCLUSION

The All-Ireland STEM Passport for Inclusion programme is a joint initiative by Maynooth University, Microsoft Ireland, Science Foundation Ireland and the Department of Education that addresses inequalities with access to STEM careers among secondary school students in socially disadvantaged communities. The programme's innovative approach, which combines an educational qualification (Level 6 NFQ), education supports, and mentoring from industry role models, provides a unique pathway for approximately 5,000 students to progress to 3rd level education and achieve a STEM qualification.

Holders of Level 6 STEM Passport awards will be eligible to apply for concessions of up to 60 points for MH304, MH601 and MH602 Engineering and Computer Science degrees. Places will be awarded on a competitive basis. There is a quota of places in each degree and the places are awarded based on merit (i.e. points attained). Further details on the initiative and application process are available on the website.

www.maynoothuniversity.ie/all-institute/all-projects/stem-passport-inclusion

THINK ABOUT TEACHING FOUNDATION CERTIFICATE

The Think About Teaching Foundation Certificate is a one year, Level 6 university preparation or access course for people who have an interest in primary teaching as a career path.

The course is run by Turn to Teaching staff from the Department of Adult and Community Education in partnership with the Froebel Department of Primary and Early Childhood Education, the Department of Education (secondary), Maynooth Access Office (MAP), and the MU Admissions and Student Recruitment Office.

The purpose of the Foundation Certificate course is to support students to critically reflect on their own educational stories both individually and collectively as they work through educational and career pathways. The course also prepares students for the academic, social and cultural opportunities and challenges of university study.

If you would like to receive updates on the developments for September 2025, please email the Turn to Teaching team on turn2teaching@mu.ie.

AN GHAEILGE SAN OLLSCOIL
IRISH IN THE UNIVERSITY

TÁ POBAL GAEILGE BEOMHAR AGUS BRÍOMHAR ANSEO IN OLLSCOIL MHÁ NUAD.

Cuirimid imeachtaí iontach ar siúl ar an gcampas go rialta do chainteoirí Gaeilge agus do dhaoine a bhfuil spéis acu sa teanga agus sa chultúr agus sna healaíona a bhaineann léi. Bíonn an-tóir ag mic léinn ar ár dtionscadail éagsúla, na ranganna Gaeilge um thráthnóna agus an Scéim Chónaithe lonnaithe ar an gcampas thuaidh ina measc. Tá Cuallacht Cholmcille, cumann Gaelach na hOllscoile, ar cheann de na cumainn is mó agus is rathúla ar an gcampas agus ar an gcumann Gaelach ollscoile is sine sa tír, óir tá oidhreacht iontach saibhir againn anseo i Má Nuad ó thaobh na Gaeilge de.

OIFIG NA GAEILGE ✉ oifig.nagaeilge@mu.ie
Cuireann Oifig na Gaeilge an Ghaeilge agus an cultúr agus na healaíona a bhaineann léi chun cinn i measc na foirne agus na mac léinn. Má tá spéis agat sna séirbhísí agus sna himeachtaí, bí linn agus tapaigh na deiseanna atá ar fáil anseo! Lean Oifig na Gaeilge ar na meáin shóisialta le teacht ar an nuacht agus ar na himeachtaí is déanaí:

𝕏 **@OnaGaeilgeMU**

◉ **@OnaGaeilgeMU**

THERE IS A VIBRANT AND ENGAGING IRISH LANGUAGE COMMUNITY HERE IN MAYNOOTH UNIVERSITY.

We hold wonderful events on campus regularly for those who speak Irish and for those are interested in the language and its associated Arts and culture. Many of our projects have proven very popular, including our Irish classes in the evening and our Irish Language Residence Scheme on the North Campus. Cuallacht Cholmcille, the University's Irish language society, is one of the largest and most successful societies on campus, as well as the oldest Irish-language university society in the country, which serves as a testament to our extremely rich heritage in Maynooth regarding the Irish language.

IRISH LANGUAGE OFFICE ✉ oifig.nagaeilge@mu.ie
The Irish Language Office promotes the Irish language and its associated Arts and culture amongst staff and students. If you have an interest in the events and services of Oifig na Gaeilge, join us and make the most of the opportunities available here! Follow the Irish Language Office on social media for the latest news and events:

𝕏 **@OnaGaeilgeMU**

◉ **@OnaGaeilgeMU**

RESEARCH
AT MAYNOOTH UNIVERSITY

Since the 18th century, researchers and scholars at Maynooth have fostered a spirit of inquiry and scholarship rooted in the classical European tradition.

Our research spans the Natural Sciences, Social Sciences, Arts and Humanities, Business and Law, Computer Science and Engineering. Our diversity and scale allow us to work across traditional boundaries to focus on major societal challenges of the 21st century.

OUR RESEARCH BEACONS

DATA SCIENCE AND DIGITAL TRANSFORMATION

We focus on the analysis and advancement of computer science, data science, and digital transformation – and explore the synergistic developments between those innovations and wider society. This beacon serves as a focus for researchers, developers, and policymakers seeking to navigate complex data landscapes and transform the productivity of the public and private sectors. Our research optimises and iterates your business processes, driving the emergence of new methods and business models for tomorrow's challenges – enabled by mathematical science, machine learning, and large-scale data analytics.

HEALTH & WELLBEING

Our expert researchers investigate the underlying mechanisms, prevention, and treatment of disease, developing healthcare innovations, mental health promotion, and broader well-being. We collaborate with international academics, healthcare providers, and industry to explore unique aspects of human health at the molecular, cellular, and whole-body levels. Beyond biochemistry, we work to understand the complex social and environmental factors that influence health at a personal, community, and population level: developing strategies and interventions that positively impact people's quality of life.

HERITAGE, CULTURE AND LANGUAGES

Human creativity, informed critique, and a steadfast commitment to addressing social challenges fuse together under the aegis of the **Heritage, Culture and Languages Beacon** to imagine and build better and more humane futures for all. Our research creates new cultural resources and shares their transformative potential with society, inspiring future generations of culturally empowered and scientifically confident citizens.

SOCIETY AND PUBLIC POLICY

This work represents a core, multidisciplinary research focus of Maynooth University, centred upon the intricate relationships between societal transformation and the development, implementation, and evaluation of public policies. We seek to understand the complex challenges faced by contemporary societies and to generate evidence-based insights that inform the formulation and assessment of public policies. We work collaboratively with government agencies, advocacy groups, think tanks, and international organisations to develop recommendations and solutions that improve public policies, enhance the well-being of individuals and communities, and address pressing societal issues. The "Society and Public Policy" research beacon recognises the profound impact of policy decisions on people's lives and seeks to foster a more informed and responsive approach to addressing the evolving needs of societies in an ever-changing world.

SUSTAINABILITY AND CLIMATE CHANGE

Our work in this area focusses on understanding, mitigating, and adapting to the challenges posed by climate change and resource scarcity in a growing world. We develop solutions and strategies that promote environmentally sustainable development, reducing the impact of human activities on the planet, and fostering resilience in the face of climate-related challenges. Researchers within this beacon collaborate with stakeholders worldwide, including national governments, non-governmental organisations, and major industries to address critical issues related to sustainability and climate change. Our work aligns research efforts with the United Nations Sustainable Development Goals to address global challenges related to poverty, inequality, climate action, and environmental conservation: we work to address the disproportionate impacts of environmental degradation and climate change on marginalised communities, and advocate for equitable and just solutions.

For more details visit: www.maynoothuniversity.ie/research

MU researchers at ICARUS - Irish Climate Analysis and Research Units - featured in the 2024 RTÉ series My Uni Life. ICARUS is housed within the Department of Geography at Maynooth University and is a national leader in the fight against climate change.

LEARNING EXPERIENCE AT MU
STUDENT SUCCESS
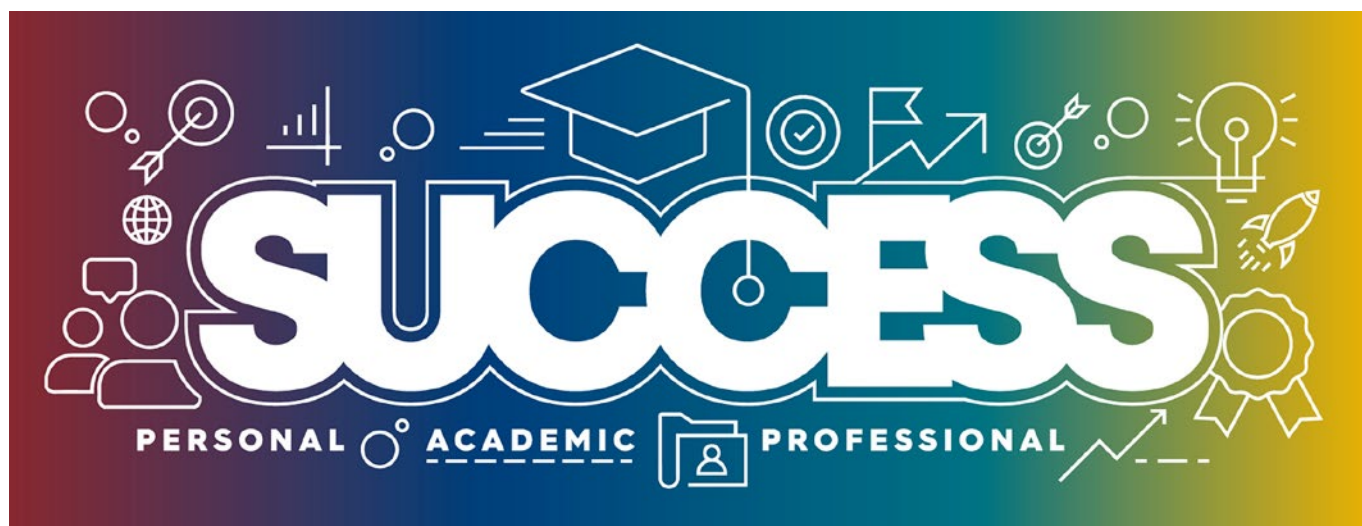
AT MAYNOOTH UNIVERSITY, WE ARE COMMITTED TO EMPOWERING YOU TO FULFIL YOUR POTENTIAL.

The Maynooth University Student Success Strategy outlines our commitment:

Our vision is to develop and embed a university-wide, integrated, and holistic approach to student success so that each student is empowered to recognise and fulfil their potential academically, personally, and professionally.

We deliver this vision through a programme of supports from pre-arrival to graduation.

STARTING OUT

Our **online and in-person orientation** programme supports you from the time of offer and throughout your first year at Maynooth University. Explore your 'First Steps' with our online orientation and start to become familiar with the Maynooth experience before you arrive on campus. Once here, our in-person orientation will allow you to meet with current students and tour the campus, be introduced to all the supports available, be welcomed to your subjects and start to meet others on your course or who share similar interests.

SETTLING IN AND PERSONALISING YOUR JOURNEY

Our **Academic and Programme Advisory** provide personalised help and guidance as you navigate your academic journey, make informed decisions about your programme, and achieve your academic goals.

LEARNER SUPPORT

Maynooth University offers a variety of support to help our students succeed, from academic writing skills to exam preparation techniques. Your support will be available as personal appointments, peer-learning, workshops and virtual tools, so you can access them in a way that suits you.

BECOMING FUTURE READY

Our **Careers and Employability Service** is dedicated to enabling you to develop the skills you need to excel professionally, whether that means exploring future career paths, upskilling, securing an accredited work placement/internship, or networking with potential employers, we are here to support your journey. You can have an individual meeting with a careers adviser, develop your employability skills in class, via workshops or via virtual work experiences. Some programmes also offer the opportunity to complete a placement where you will work in a company on real tasks.

We are committed to your success as you imagine and create a better future.

For more details log on to www.maynoothuniversity.ie/student-success

LEARNING EXPERIENCE AT MU
YOUR MAYNOOTH EDUCATION

A Maynooth Education offers you many opportunities to personalise your degree programme; our flexible programme pathways include a dedicated Critical Skills subject, the opportunity to take an elective, and real world learning opportunities to enrich your degree.

FIRST YEAR CRITICAL SKILLS COURSES

At third level it is expected that students will develop skills that will not only enable them to successfully negotiate their university experience but which will also help them in other areas of their lives.

Our 15 credit Critical Skills courses are designed to develop these skills early in our students' university experience. These optional courses are designed to help first year students to learn, experience, practice and develop various essential skills that will support their ongoing studies.

In Critical Skills, students will strengthen professional research and writing skills, quantitative reasoning, data visualization, and teamwork skills. They'll also understand the connection between learning and civic engagement, cultivate curiosity and persistence, and develop critical digital literacies for diverse audiences, composing complex digital texts like podcasts.

Expect small classes and active learning. We want to build student confidence by providing a learning environment that is both supportive and academically challenging.

SECOND YEAR FOR SCIENCE STUDENTS
Critical Skills courses are available in second year for science students in a select number of degrees.

See the degree pages that follow for details regarding availability of our 15 credit Critical Skills courses.
For more details log on to www.maynoothuniversity.ie/critical-skills

FLEXIBLE DEGREE STRUCTURE

At the start of second year, some students will have the option to avail of the University's flexible pathways structure. See the degree pages of this prospectus for details on the pathways available.

The Programme Advisory Office is available to assist and advise undergraduate students, including incoming first year students, with programme related decisions.

www.maynoothuniversity.ie/programme-advisory-office

REAL WORLD LEARNING

Maynooth students get the opportunity to experience more from their degree programme with an enhanced range of high-impact learning experiences, connecting classroom content with real-world experience, where students learn by doing and reflecting on this experience. These include opportunities in undergraduate research, work and professional development, student leadership, study abroad and community engagement, empowering Maynooth students to develop their skills and competencies for work, life and citizenship.

For more details log on to www.maynoothuniversity.ie/careers/students

SECOND YEAR ELECTIVE STREAMS

Elective streams allow you to make more of your university education, and to take better advantage of the world-class lecturers and interesting subject material that Maynooth University has to offer. They may help to broaden your perspective, allow you to interact with students from other disciplines, or help you develop transferable skills for the future in a way that complements your main disciplinary studies. An elective stream amounts to one-sixth of the total course work for the year. Registration for electives is subject to enrolment limitations, and also must be compatible with the timetabling and other requirements of your main subjects. Some combinations of electives and subjects are excluded.

SAMPLE ELECTIVES:
> Accounting in Society
> Ancient Mythology – Epic and Tragic Tales
> Beginning Chinese/French/German/Spanish
> Catalan Language and Culture
> Continuing Chinese/French/German/Nua-Ghaeilge/Spanish
> Creative Technologies and Digital Prototyping
> EDEN Entrepreneurship Design and Innovation
> Education Engagement and Equality
> Film and Screen Studies
> Foundations in Science Writing and Communication
> Gender and Sexuality in Society and Culture
> Global Environmental Change
> Good and Evil
> Great Books
> Influential Ideas in Economics
> Introduction to Philosophy in the Digital Age
> Irish Cultural Heritage
> Portuguese Language and Culture
> Prioritising People and Planet
> Service Innovation
> Skills for Success: Professional Development
> The Growth and Development of the Irish Equine Industry
> Wondrous People and Places: An Introduction to Celtic Literature

Visit www.maynoothuniversity.ie/electives for the full list of currently available Elective Streams.

SUPPORTS FOR
OUR STUDENTS

Your student experience is about taking on new challenges and meeting new people, exploring opportunities and discovering more about who you are.

There are various services, from academic to personal, that you may want or need to avail of during your time at Maynooth.

ACADEMIC SUPPORTS INCLUDE:

> Academic and Programme Advisory Office
> Academic Writing Support Office
> An Droichead - Ionad Tacaíochta na Gaeilge/Irish Language Support Centre
> Careers and Employability Service
> Computer Science Centre
> IT Support
> Laptop Loans
> LIST (Library Information Skills Tutorials)
> Mathematics Support Centre (MSC)
> MILO (Maynooth Inclusive Learning Online)
> Moodle Support
> Student Success and Engagement Team

PERSONAL AND WELL-BEING SUPPORTS INCLUDE:

> Chaplaincy Service
> Counselling Service
> Crèche
> Healthy Campus
> MaynoothStudentpad.ie
> Speak Out
> Student Advisory
> Student Budgeting Advice Service
> Student Health Centre
> Student Helpdesk
> Student Support Office

You can find more details about the range of supports available at Maynooth University during our open days or on the website **www.maynoothuniversity.ie/student-services**

MAYNOOTH STUDENTS' UNION (MSU)

CLUBS & SOCIETIES

MSU – MAYNOOTH STUDENTS' UNION

MSU serves as the representative body for the students of Maynooth University (MU) and St. Patrick's Pontifical University (SPPU). All registered students of MU and SPPU are automatically members of MSU, allowing them to benefit from a high level of representation and guidance aimed at delivering a world-class academic and student life experience.

At MSU, we care about every aspect of your college experience. We run informative campaigns on education, welfare, and student life issues, and our elected student leaders provide a peer support, listening, and referral service that offers free, confidential, and impartial guidance. If you have any questions or concerns, we're here to help. Our friendly staff team are always on hand to provide a warm welcome and help guide you in the right direction.

MSU is a democratic organisation run by student Executive Officers, elected by the student body during annual elections. Our aim is to represent your interests and provide you with a fantastic range of events, activities, informative campaigns, and student-run services. MSU is run by students for students and takes pride in its role in enhancing the student experience at Maynooth.

CONNECT WITH MSU

The MSU Info Centre is located within the MSU Student Centre on campus. This facility is available during business hours and welcomes all Maynooth students to drop in with any queries they may have. For those who prefer to communicate online, the MSU can be contacted via email or through our socials.

The MSU President, VP Academic Affairs, VP Welfare & Equality, and VP Student Life all operate from the Student Centre. Appointments can be made in advance to meet with student leaders or staff.

In addition to the physical location, MSU also maintains an online presence through its website, **www.msu.ie**, and social media channels. Find us **@maynoothsu** on Instagram and TikTok to stay up to date on the latest news and events.

ABOUT MU CLUBS & SOCIETIES

Maynooth University (MU) Clubs and Societies are the lifeblood of campus activity and provide you with a great opportunity to throw yourself into university life. With over 100 Clubs & Societies they are confident, no matter what your tastes, that you will find at least one that is perfect for you! From developing existing skills, trying something different to making new friends; joining a club or society is one of the best things you can do. Many students look back at their time spent in Clubs & Societies as one of their college highlights - the opportunities for friendship, social development and personal growth are almost unlimited! Visit **www.mulife.ie** for further information.

CURRENT CLUBS & SOCIETIES LISTING

Access	Environmental	MUCK
Africa	Equestrian	Music
Aikido	Feminist	Musical
American Football	Fencing	MU Times
Anime & Sci Fi	Filipino	Ogra Fianna Fail
Anthropology	Film	Pokémon
Archery	FLAC	Politics & Sociology
Arts Crafts and Design	French	Powerlifting
Astro 2	Froebel	Pride
Athletics	GAA Handball	Psychology
Badminton	Galway Cycle	Racquetball
Basketball	Games	Red Cross
Boxing	Geography	Rockclimbing
Business	Golf	Rovers
Camogie	Hockey	Rugby
Cancer	Hogwarts	Shotokan Karate
Cards	Hurling	Sinn Féin
Chinese	IESN	Snooker
Christian Union	Indian	Snowsports
Classics	Islamic	Social Democrats
Comedy	Japanese Culture	Spanish
Computer Science	JP II	St Catherine's
Creative Collaboration	Judo	Surf
Creative Writing	Kickboxing	SVP
Criminology	Labour	Table Tennis
Cuallacht na Gaeilge	Ladies GAA Football	Tea
Dance	Ladies Soccer	The Purpose Movement
Deutsch	Languages	Trampoline
Disney	Law	Ultimate Frisbee
DJ	Legal Tech	Visual Media
Drama	Literary & Debating	Volleyball
Education	Mars FM	Women in STEM
Electronic Engineering	Mature	Yoga
ELSA	Men's GAA Football	Young Fine Gael
Enactus	Men's Soccer	
Entrepreneurial	Mental Health	

*Listing may change. Visit the Clubs & Socs Hub in the Rye Building.

MAYNOOTH UNIVERSITY
SCHOLARSHIPS

We offer our students a range of academic and sport scholarships

ENTRANCE SCHOLARSHIP

The €1,000 Entrance Scholarship is automatically awarded to incoming first year students, via the CAO, who have obtained 575 points or more in the Leaving Certificate (from six subjects in one sitting). For students presenting GCE A Levels; the awards are based on achieving points from three/four subjects in GCE A levels.

Entrance Scholars have the option of residing on campus (normal charges apply). Entrance scholars who have not already booked their campus accommodation, will be offered campus accommodation during CAO Round 1 offers. Unfortunately, the University is not in a position to offer accommodation places in Round 2 or subsequently to Entrance Scholars, as they are fully booked in Round 1 annually.

For more details www.maynoothuniversity.ie/scholarships

ENTRANCE SCHOLARSHIP FOR MH103 BACHELOR OF MUSIC

The Entrance Scholarship for MH103 Bachelor of Music is for one entrant to the degree commencing in September 2025. The top scoring applicant, based on the MH103 remote assessment, will be offered the scholarship of €1,000. The successful applicant is informed following registration.

ENGINEERING SCHOLARSHIP
W.A. BARRETT SCHOLARSHIP IN ENGINEERING

The W.A. Barrett Scholarship in Engineering at Maynooth University was established in 2023 through the generosity of Earthridge International and the Barrett family to commemorate the late William Anthony (Tony) Barrett.

The scholarship provides €3,000 to eligible first year students taking a Level 8 course that is accredited by Engineers Ireland at Maynooth University. Two scholarships are available for MH304/MH306 Engineering students.

www.maynoothuniversity.ie/scholarships

MUSIC SCHOLARSHIP

The Head of the Maynooth University Department of Music awards one undergraduate Music Scholarship each year. This scholarship is for current Music students and is based on their end of first year results.

SOCIO-ECONOMICALLY DISADVANTAGED STUDENTS AND STUDENTS WITH DISABILITIES

A number of scholarships and bursaries are available for students who might not normally be in a position to attend third level education due to serious socio-economic disadvantage or disability.

www.maynoothuniversity.ie/access-office

SPORT SCHOLARSHIPS

We offer sport scholarship programmes in GAA, rugby, golf, snooker and soccer. Other recognised sports may be considered under the scholarship programme for participants competing at a very high level e.g. carded athletes.

UNIVERSITY OF SANCTUARY SCHOLARSHIP

The Sanctuary Award is an initiative of University of Sanctuary Ireland (UoSI) to encourage and celebrate the good practice of universities, colleges and institutes welcoming refugees, asylum seekers and other migrants into their university communities and fostering a culture of inclusion for all those seeking sanctuary. The Award aims to spread this culture of welcome across the institutions of higher education all over the island.

sanctuary@mu.ie

MAYNOOTH UNIVERSITY
SPORT SCHOLARSHIPS

GAA, Golf, Rugby, Soccer, Snooker

APPLY ONLINE BEFORE APRIL 1ST

We offer Sport Scholarship programmes in GAA, golf, rugby, snooker and soccer. Other recognised sports may be considered for a CAO points concession for participants competing at a very high level, e.g. carded athletes. Scholarships are awarded to students for a period of one year, but can be renewed subject to a satisfactory level of academic and sporting progression being maintained.

BENEFITS OF OUR SPORT SCHOLARSHIP PROGRAMME INCLUDE

> Concession of up to 60 CAO points if required – scholars must meet minimum entry requirements for their chosen degree. For MH001/MH002 Education - Froebel Primary Teaching, a limited number of places are available for the 60 points concession. No limit on places applies to other degrees however. See website for details.
> Access to top level coaching and playing facilities
> Sports psychology, medical and physiotherapy support
> Health and nutrition advice
> Fitness and performance testing and analysis
> Financial bursary
> Ongoing academic support
> Strength and conditioning support
> Free gym membership

REQUIREMENTS FOR SPORT SCHOLARS INCLUDE

> Maintain academic progress and remain in good standing with the University
> Maintain an impressive record of sporting achievement
> Take an active role in the University club(s) associated with the scholarship sport
> Compete on behalf of MU at inter-varsity competitions
> Represent the University at open days/at school visits

Both undergraduate and postgraduate students may be awarded scholarships for the duration of their studies.

SOCCER SCHOLARSHIPS
Benefits include:
> Full entry to Soccer Scholarship Programme to include financial bursary, full supports and CAO points concession if eligible.
> Access to the highest standard third level soccer competition - Colleges & Universities Football League Premier Division (Men & Women), Irish Universities Football Union, Collingwood Cup, Harding Cup & Crowley Cup (Men's), Women's Soccer Colleges Association of Ireland, Intervarsity Kelly Cup.

Requirements include:
> Scholarships are intended for student athletes with proven or perceived potential to perform at international, interprovincial, national league, and senior schools level.
> Application is open to all regardless of which club or school you currently attend.

Contact
Barry Prenderville, Soccer Development Manager

GAA SCHOLARSHIPS
The GAA Scholarship Programme offers a range of high performance supports providing students with the opportunity to maximise their playing potential.

Categories of sport scholarship within GAA:
> Men's Gaelic Football (Sigerson & Fresher Division One)
> Hurling (Fitzgibbon & Fresher Division One)
> Ladies Football (Division One)
> Camogie (Division One)

Requirements include:
> Minimum criteria to apply for MUGAA Scholarship is to represent your county at minor grade upwards e.g. U20 & Senior
> Eligibility is based on an applicant's ability to continuously demonstrate a high level of performance at county level
> To be eligible to play under Higher Education rules, please see **www.gaa.ie/highereducation**

Contact
Jenny Duffy, GAA Development Officer

GOLF SCHOLARSHIPS
Categories of Golf Scholarship
> Platinum (High Performance Squad)
> Gold (Scholarship Squad)
> Silver (Observation Squad)

Requirements include:
> Hold an excellent profile of performances at national & international events at U18 level or beyond
> Hold a ranking on WAGR
> Have a desire to reach the pinnacle of the amateur game

Contact
Barry Fennelly, Golf Manager

RUGBY SCHOLARSHIPS
Categories of Rugby Scholarship
> Full Scholarship - entry to Rugby Scholarship Programme to include full supports, bursary and CAO points concession if eligible
> Development Scholarship - entry to Rugby Scholarship Programme to include full supports and CAO points concession if eligible and opportunity to progress to full Scholarship

Requirements include
> A strong foundation in strength and conditioning
> Outstanding achievement and references in school or club rugby
> Exclusive commitment to the University's Club, MU Barnhall RFC, for duration of studies
> Provide footage where applicable
> Provide details of playing schedule

Desired:
Provincial honours
National honours

Contact
Tom McKeown, Rugby Development Officer

SNOOKER SCHOLARSHIPS
Snooker Scholarships are supported by Snooker and Billiards Ireland.

Contact
Paul Davis as below

OTHER SPORTS
High performance athletes with proven ability to compete at an international level can apply for our CAO points concession (up to 60 points) in recognition of their ongoing commitment to sport and potential to represent Ireland and the University at international level.

Contact
Paul Davis, Sports Officer

Contact details for all Sports Development Managers and more information
www.maynoothuniversity.ie/sportscholarships

AN INTERNATIONAL
UNIVERSITY

Maynooth University works with almost 200 prestigious international higher education institutions to welcome students, researchers and academics from all over the world, and to facilitate Maynooth University students to study abroad as part of their degree.

We collaborate with university partners in Europe, Asia, Australia and North and South America on student and staff Exchange Programmes, joint research projects and publications.

We encourage students to study abroad either within Europe (Erasmus programme) or beyond. Studying abroad helps students expand their intellectual horizons. It is an exciting way to accelerate personal growth, and offers unique opportunities to experience a new country and culture, with support every step of the way.

Studying abroad also enhances future employment prospects in an increasingly global market, indicating transferable skills such as foreign language knowledge, independence, adaptability and communication skills.

We partner with universities in a range of non-EU countries including Japan, Mexico, Australia, USA and with many EU countries including Italy, Sweden, France and many more. Visit the International Office webpages for more details.

www.mu.ie/international
Instagram @maynoothuni_goingabroad

IN JANUARY 2023 MAYNOOTH UNIVERSITY JOINED THE ARQUS EUROPEAN UNIVERSITY ALLIANCE. THIS REPRESENTS AN EXCITING DEVELOPMENT FOR THE UNIVERSITY AND WE EXPECT TO BE IN A POSITION TO OFFER FURTHER EXCHANGE OPPORTUNITIES FOR STUDENTS IN THE NEAR FUTURE.

TRAVELLING
TO MAYNOOTH

Maynooth University is located in the heart of Ireland's oldest university town. We are 25km from the centre of Dublin and our beautiful campus (divided into the North and South Campus by the Kilcock Road) is closely integrated with the historic town of Maynooth - easily accessible by road, rail and canal towpath.

BUS LINKS	> Approximately 2,000 parking spaces on campus
TRAIN LINKS	> Lots of public and private transport options to Maynooth
DUBLIN TO GALWAY CYCLEWAY	> Cycling is a popular way of commuting to the University
	www.maynoothuniversity.ie/location

TRAIN SERVICES

Maynooth lies on the Western Commuter Line, which serves the four Dublin city centre stations: Pearse Street Station, Tara Street, Connolly Station and Docklands. It also serves thirteen other suburban stations: Drumcondra, Broombridge, Pelletstown, Ashtown, Navan Road Parkway, Castleknock, Coolmine, Clonsilla, Hansfield, Dunboyne, M3 Parkway, Leixlip Confey and Leixlip Louisa Bridge. The Luas Broombridge Interconnector links Maynooth to the Red and Green Luas Lines.

The Sligo train line passes through Maynooth to Dublin via Collooney, Ballymote, Boyle, Carrick-on-Shannon, Dromod, Longford, Edgeworthstown, Mullingar, Enfield and Kilcock.

DIRECT BUS LINKS TO THE CAMPUS

Maynooth is well served by the Dublin Bus C-Spine route network. Buses depart from the city centre and run frequent services to Maynooth.

A range of bus operators organise daily and weekly coach services to the campus – timed to fit in with lectures. The map below indicates the locations which have direct transport links to and from the campus. See the transport information on the website.

For more details on commuting to Maynooth
www.mu.ie/gettinghere
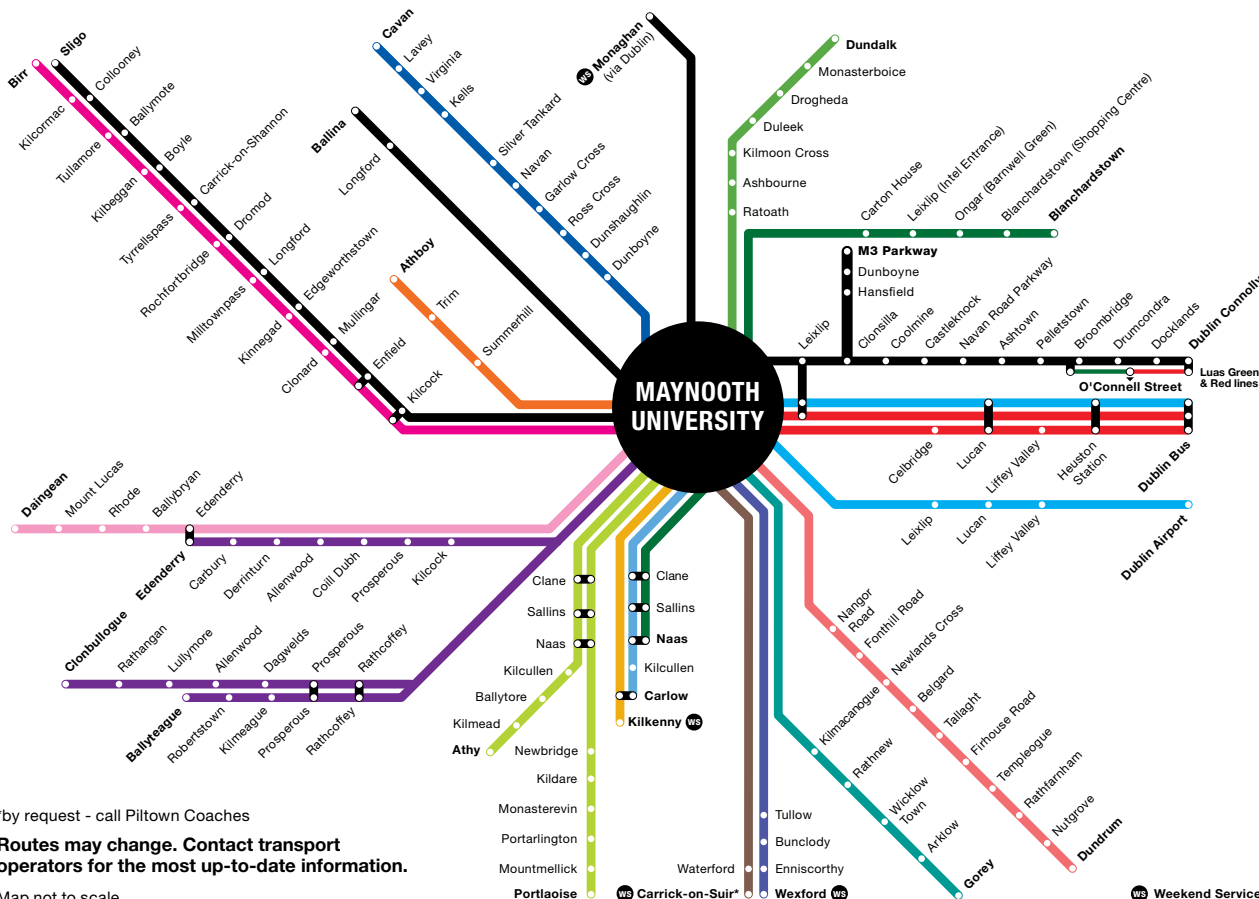
*by request - call Piltown Coaches
Routes may change. Contact transport operators for the most up-to-date information.
Map not to scale

"I started out with the intention of studying the BA Psychology degree, but realised after the first year that I much preferred Geography, and so I continued on with that. The Maynooth Arts degree gives you the freedom to try things out before fully committing to them, which is what I really needed.

After second year I had the opportunity to go on Erasmus and spent a year in Utrecht, The Netherlands, which again allowed for the freedom of studying subjects outside my current degree.

In my final year of Arts I took a module on Climate Change. The founder of ICARUS - The Irish Climate Analysis and Research Units at Maynooth University, Professor John Sweeney - delivered the module. His excellent classes ignited a passion in me for climate science and for the importance of the climate crisis. I then had the opportunity to continue studying Climate Change in Maynooth at master's and PhD level.

After the PhD I went to work in Met Éireann as a postdoctoral researcher examining historical extreme windstorms in Ireland, and then moved on to a permanent position in the Agricultural Meteorology unit. I have recently been appointed as a Senior Climatologist in the Climate Services division. This job allows me to put all the skills I learned over the (10!) years I spent in Maynooth into practice, and means I get to work in the area I'm most passionate about (climate change).

The experience and education I obtained in Maynooth provided me with a great skillset which has really stood to me during my career so far, and I am incredibly grateful to all the staff who helped me along the way. I never imagined I would be the type of student who would go on to do a PhD, but I found my passion during my studies at Maynooth and was fortunate enough to be able to turn it into a career."

Dr. Pádraig Flattery
BA International (Economics and Geography) - 2014
MSc Climate Change - 2015
PhD Geography – 2019
Now: Senior Climatologist – Met Éireann

THE MAYNOOTH BACHELOR OF ARTS DEGREE

CAO Code: MH101

Points 2024: 307

Subjects available in the BA degree:

Accounting	33
Anthropology	34
Business (International)	35
Business (Management)	36
Business (Marketing)	37
Chinese Studies	38
Classical Studies*	39
Computer Science	40
Criminology	41
Economics	42
English	43
Finance	44
French	45
Gaeilge	Nua-Ghaeilge (Modern Irish)	46
Geography	48
German	49
History	50
International Development	51
Law	52
Mathematical Physics	53
Mathematical Studies	54
Mathematics (Pure)	55
Media, Film & Cultural Studies	56
Medieval Celtic Studies	57
Music	58
Music Technology	59
Philosophy	60
Politics	61
Psychological Studies	62
Sociology	63
Spanish	64
Statistics	65

*formerly Greek and Roman Civilization

The Maynooth Bachelor of Arts Degree
CAO Code: **MH101** | CAO Points 2024: **307**

Places: 1,750
Duration: 3 years (4 if taking Erasmus/Study Abroad option)

Erasmus/Study Abroad Option: Yes
Mature Applicants: See p. 154
UK, EU & International Applicants: See p. 157
QQI Link: See p. 154

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & 3rd language
(Minimum grade H5 in two subjects and a minimum of grade O6/H7 in the remaining four subjects. Minimum O6/H7 in Irish, English and a third language)

These BA subjects have extra Leaving Certificate minimum entry requirements:

> Mathematics (Pure): **H2 Mathematics**

> Music: **H5 Music**

> Nua-Ghaeilge: **H4 Irish**

For these BA subjects we recommend that students have achieved the following grades as a minimum in their Leaving Certificate:

> Accounting, Business (International), Business (Management), Business (Marketing), Economics, Finance: **O4/H7 Mathematics**

> Computer Science, Mathematical Physics, Mathematical Studies, Music Technology, Statistics: **O3/H7 Mathematics**

> Chinese Studies, French, German, Spanish: While there is no minimum entry requirement to study these languages at non-beginner level, we generally recommend **H4 Leaving Certificate level**.

All other BA subjects - no prior knowledge required.

MH101: THE CAO'S MOST POPULAR FIRST PREFERENCE COURSE

The Maynooth Bachelor of Arts Degree MH101 has been among the top preference CAO courses for a number of years, receiving most first preference applications.
By choosing the Maynooth BA degree, a wide variety of interesting subjects is opened up to you. Hundreds of subject combinations are available, and you have up to four weeks to make a final decision on your choice of two, three or four subjects in first year.

After graduation

> As an arts graduate you will have versatility on your side. Some seek graduate employment and others opt for postgraduate specialisation.

> Over the course of your three or four year degree you are given the opportunity to gain valuable skills including the hugely important ability to think critically and analytically. Our Arts students are encouraged to become flexible thinkers who are ready for the challenges of the modern workplace in the years following graduation. For more about postgraduate study see p. 162.

Some of the areas in which Maynooth BA graduates develop their careers include:

> Human resources & training
> Finance
> Psychology
> Law
> Marketing and advertising
> Publishing and information
> Librarianship
> Teaching – primary and second level
> Social policy
> Media and communications
> Translation
> Arts and culture
> Management consultancy
> Computing and IT
> Civil service
> Medicine (graduate entry programmes)
> Public relations

The Maynooth Bachelor of Arts Degree
(continued)

MH101 Course Structure and Subject Groups

MH101 Course Structure

1st year: 60 credits

> Choose 2, 3 or 4 subjects - one per group - see table on p. 32 (each subject is 15 credits)

> Double subjects have a 30 credit option in 1st year. You can take 2 double subjects in 1st year unless they are scheduled at the same time. You should only take 2 double subjects if you are really sure of your subject choices

> Optional Critical Skills (15 credits) is available to take with all subject combinations. See p. 21 for details

Your options - summary

4 subjects (4 x 15 credits)	This allows you to study the greatest range of subjects and decide which you prefer
3 subjects and Critical Skills (4 x 15 credits)	This allows you to take a range of subjects and also take the Critical Skills course
A double subject and two others (1 x 30 credits and 2 x 15 credits)	This allows you to take three subjects, but to devote half of your time to one subject
A double subject, one other subject and Critical Skills (1 x 30 credits and 2 x 15 credits)	In this option you take two subjects along with the Critical Skills first year course
Two double subjects (2 x 30 credits)	In this option you take only two subjects in first year

The Programme Advisory Office is available to you to discuss your options during orientation and throughout your time at the University. See p.20 for more details.

2nd year and Final year: 60 credits per year

> In most cases students progress with two subjects, choosing between:
>   – Double Major (30:30)
>   – Major with Minor (40:20)

> In some cases a Single Major (normally 60 credits) option is possible. See MH101 subject pages for details

> After 1st year there may be an option to transfer into the 2nd year of a specialised degree, depending on the subjects you chose in 1st year and your results

These are the possible transfer options having completed the 1st year of the MH101 degree:

BA Finance	MH401
BSc Quantitative Finance	MH402
BA Accounting and Finance	MH403
Single Major BBS or BBA (Business and Management / International Business / Marketing and/or with Global Cultures)	MH404
BBS/BBA Business and Accounting	MH407
BBA Business and Languages	MH409
BSc Economics	MH415
BA International Economics	MH416
LLB Single Major	MH501
BCL Double Major (Law and Arts / Law and Accounting / Law and Business / Law and Criminology)	MH502
BA Criminology (NEW in 2025)	MH504
BSc Computer Science and Software Engineering / BSc Multimedia, Mobile and Web Development (through Arts)	MH601

> Electives: In 2nd year you will have the opportunity to take an optional Elective. Electives are compatible with all subjects in MH101. See p. 21 for details.

> Erasmus or Study Abroad: BA students have the option of studying at one of Maynooth's almost 200 partner universities after second year. Students taking this option graduate with a BA International degree after four years.

Contact us

Maynooth University Admissions and Student Recruitment Office

An Oifig Iontrála agus Earcaíochta Mac Léinn, Ollscoil Mhá Nuad

📞 + 353 1 708 3822

✉ admissions@mu.ie

🔗 www.mu.ie/level8

@MaynoothCAO   ask on webchat   ask a student

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat   ask a student

The Maynooth Bachelor of Arts Degree (continued)

MH101 Bachelor of Arts - 1st year subject groups

32 subjects are organised into 6 timetable groups - choose 2, 3 or 4 subjects in 1st year.
The subjects in a group are scheduled at the same time, so you may not choose more than one subject from any group.

Subject groups - choose 1 subject per group, up to a maximum of 4 subjects in the MH101 degree

Group 1
- Geography ⊙
- German ○
- Law ⊙
- Mathematics (Pure) (Groups 1+3) ☐
- Philosophy
- Critical Skills

Group 2
- Business (International) ⊙
- Business (Management) ⊙
- Business (Marketing) ⊙
- Criminology
- History ⊙
- Music (extra 15)
- Critical Skills

Group 3
- English ⊙
- International Development ⊙
- Mathematical Studies
- Mathematics (Pure) (Groups 1+3) ☐
- Critical Skills

Group 4
- Anthropology ⊙
- Economics
- Finance
- Music Technology
- Nua-Ghaeilge
- Critical Skills

Group 5
- Computer Science ⊙
- Music ⊙
- Sociology
- Spanish ○
- Critical Skills

Group 6
- Accounting ⊙
- Chinese Studies ○
- Classical Studies ^
- French ○
- Geography ⊙ *
- Mathematical Physics
- Media, Film & Cultural Studies
- Medieval Celtic Studies
- Politics
- Psychological Studies
- Statistics #
- Business (extra 15)
- English (extra 15)
- Critical Skills

Group 7 (subjects in group 7 are only available if taking the 30 credit option in these subjects)

- Anthropology (extra 15)
- Chinese Studies (extra 15)
- Computer Science (extra 15)
- French (extra 15)
- German (extra 15)
- History (extra 15)
- International Development (extra 15)
- Law (extra 15)
- Spanish (extra 15)
- Language and Culture (this subject is available for non-beginners)

Key

⊙	This subject can be taken as a double (30 credits)
○	30 credits required for beginners in this language
(extra 15)	This indicates the timetable group of the extra 15 credits if taking 30 credits of the subject
*	If choosing Geography in Group 6, the only subject you can choose in Group 1 is Geography (this is due to timetabling of subjects in 2nd year)
☐	30 credits must be taken in this subject
^	Formerly Greek and Roman Civilization
#	If you are taking Statistics in 1st year you must also take Mathematical Studies or Mathematics (Pure)

Note

1. Each subject is 15 credits and students take 60 credits in each year of their degree. Subjects available as optional 'double subjects' (30 credits) are marked with ⊙. These subjects need extra class times, normally scheduled in Groups 6 or 7.

2. Chinese Studies, French, German and Spanish require a 30 credit first year for beginners in the language (marked with ○). If you have studied one of these languages before (to Leaving Certificate level; H4 standard or better is recommended), you take the 15 credit option.

3. 15 credit Critical Skills can be taken in any timetable group (Critical Skills available in 1st year only - see page 21 for more about Critical Skills).

4. For the following subjects, we **require** specific minimum Leaving Certificate grades at registration in September:
  ➤ Mathematics (Pure): **H2**
  ➤ Music: **H5**
  ➤ Nua-Ghaeilge: **H4**

5. If choosing from among the following subjects, we **recommend** students achieve these minimum Leaving Certificate grades:

➤ Accounting, Business (International), Business (Management), Business (Marketing), Economics, Finance: we **recommend** that students have achieved Leaving Certificate **O4/H7 Mathematics** to study these subjects.

➤ Computer Science, Mathematical Physics, Mathematical Studies, Music Technology, Statistics: we **recommend** that students have achieved Leaving Certificate **O3/H7 Mathematics** to study these subjects.

➤ Chinese Studies, French, German, Spanish: while there is no minimum entry requirement to study these languages at non-beginner level, we generally **recommend H4 Leaving Certificate** level.

Accounting (group 6 subject)

MH101 Points 2024: 307
Minimum entry requirements for Accounting in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> Accounting is the language of business. You can choose to study Accounting in the BA degree or to transfer into one of our designated accounting programmes having completed first year in the BA degree. A larger number of exemptions from the accountancy bodies are available in the designated degrees.

> Our expert, engaging and supportive faculty teach accounting from first principles, so no prior knowledge is required.

> Become a highly sought-after graduate possessing the technical accounting and transferable skills required of future business leaders which allows students to pursue rewarding career opportunities in business and education.

> Choosing this degree also enables students to pursue a career in teaching.

After Graduation

> Our accounting programmes prepare students for a variety of careers in both the private and public sectors, and in many industries.

> Graduates of specialised degrees MH403, MH407, MH409 and MH502 LWA are particularly well placed to pursue a professional accountancy qualification.

> Typical career options include accountant in practice/industry, finance director, managing director, management consultant, liquidator/receiver, financial analyst, stockbroker, tax consultant, treasury consultant and teacher.

> The School of Business offers a range of postgraduate courses.

Contact us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

You might also like

BA Accounting and Finance p. 84
BBS/BBA Business and Accounting p. 89
BBA Business and Languages (Accounting Finance with either German or Spanish) p. 90
BCL Law and Accounting p. 129
A larger number of exemptions from the accountancy bodies are available in the above degrees.

MH101 Course Structure

1st year	2nd year and Final year	Or
Accounting in MH101 Bachelor of Arts degree. > Students are introduced to the fundamentals of accounting in year 1 > There is an option to take Accounting as a double subject where students take additional accounting/finance related modules. 22.5 of the credits occur in Group 6 (7.5 credits in semester 1, and 15 in semester 2) > The other 7.5 credits in semester 1 is a choice between a Business Management Module (MN157 - Professional and Learning Skills) in Group 2, or a Universal Critical Skills SK1057 course which is available in every group (as part of our Critical Skills) > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group)	> Take Accounting and one other subject to degree level (as a Double Major) > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	> Apply to transfer into one of our specialised degrees in Accounting having achieved 60% or more in 1st year Accounting (MH403/MH407/MH409/MH502 LWA – subject to conditions being met. See Course Finder for details) **Erasmus/Study Abroad or Work Placement option after 2nd year** Having moved into a specialised degree, you will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University will support you in the search for a placement job; however, the process is competitive.

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to Accounting > Financial Accounting > Fundamentals of Finance and Accounting > Professional and Learning Skills > Critical Skills	> Financial Accounting > Management and Cost Accounting > Taxation	> Advanced Management Accounting > Advanced Financial Accounting > Ethics and Corporate Governance > Advanced Financial Reporting > Advanced Finance for Accountants

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Anthropology (group 4 subject)

MH101 Points 2024: 307
Minimum entry requirements: For full details about entry requirements see p. 30.

Subject Overview

> Anthropologists study all aspects of human behaviour and society. By closely observing and analysing different ways of life around the world, from tribal villages to Wall Street offices, anthropologists create new knowledge about human nature and what it means to be human today.

> Whatever you are most passionate about – from understanding human cultures to identity politics, environmentalism, or global business – anthropology can give you the tools to enrich your interests in a deep and sophisticated way. Anthropology is well-suited to students curious about many inter-connected topics, and it fosters creativity and imagination by helping us to think beyond our own pre-conceived world views.

> Maynooth University anthropologists bring the world into the classroom, helping students understand local problems in a global context. We actively engage with many pressing concerns, including aging populations, nationalism, citizenship, racial discrimination, security, surveillance, religion, international migration, drug use, health problems such as HIV, consumer culture and sustainability, as well as rapid technological change.

> You can also study forensic anthropology, which applies skeletal analysis and archaeological techniques to solve criminal cases. You will engage in practical, experiential learning, including ethnographic fieldwork projects and there is an option to go on an archaeological dig during your studies.

After Graduation

> Maynooth Anthropology students have gone on to work in the public, private and NGO sectors. They have established successful careers in areas as diverse as healthcare, user experience and design, international aid and development, advertising and human insights research, culture and arts, heritage and conservation, police and security forces, community research and education, advocacy and activism, journalism, management and business, human resources, and public administration.

> The Department of Anthropology offers a range of postgraduate study options.

Contact Us

Maynooth University Department
of Anthropology, Rowan House

www.maynoothuniversity.ie/anthropology

You might also like
BBS/BBA Business and Global Cultures p. 88
BSocSc in Social Science p. 120
BCL (Law and Arts) p. 132

MH101 Course Structure		or	or
1st year	**2nd year and Final year**	**2nd year and Final year**	**2nd year and Final year**
BA Bachelor of Arts – Anthropology – Double Major, Major/Minor or as a Minor > Either 15 or 30 credits of Anthropology (30 credits recommended for Single Major 2nd year pathway) > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Compulsory Anthropology modules > Continue with 1 of your 1st year subjects as part of a Double Major, as a Major/Minor or as a Minor > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	**Single Major** > At least 50 credits Anthropology > Continue with 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	> Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and 30 credits of Business

For MH101 subject groups table go to p. 32

Sample Modules		
1st year	**2nd year**	**Final year**
You will gain an understanding of the foundations of Anthropology: > Introducing Anthropology > Understanding Material, Digital and Visual Worlds > Anthropology Matters > Magic, Witchcraft and Ritual	**You will study different aspects of Anthropology such as:** > Anthropology of Religion > Medical & Psychological Anthropology > Ethnographic Research and Writing > Material Cultures > Anti-Racism	**You will continue to develop your knowledge with options such as:** > Globalisation, Science, Technology & Society > Sustainability & Ethnographies of Water > Race, Gender, & Sexuality > Forensic Anthropology & Anthropology of Security > Ethnographic Filmmaking & Photography > User Experience and Service Innovation

Business (International) (group 2 subject)

MH101 Points 2024: 307
Minimum entry requirements for Business (International) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **To effectively compete in an international business landscape, organisations must offer goods and services across nations, regions, and continents outside of their home market and must also manage increasingly diverse workforces as nations, cultures, and markets converge.**

> **Business (International) provides our graduates with the strategies, insights and skills to respond to these challenges, enabling organisations to manage diverse people and operations and to compete for customers across the world.**

> **International Business students at Maynooth are offered a wide variety of choice. We offer modules that will develop both core business management knowledge as well as modules that provide a more specialist understanding of the international aspects of business.**

After Graduation

> Ireland is home to the EMEA (Europe, Middle East and Asia) headquarters of many large multinational corporations, providing excellent employment opportunities for students of International Business. This degree provides an excellent foundation for a wide variety of careers in business, including entering employment in the Irish operation of a major multinational, working with Irish companies that supply to international customers, consulting and helping organisations to internationalise and grow, and managing a diverse workforce.

> Opportunities are also available at a policy level working for national organisations to promote Ireland as a destination for inward investment and for internationalising Irish business.

> The degree also provides valuable insights for those wishing to take their natural talents for building or running a business to the next level. With business being ever more global, completing this degree could literally take you anywhere in the world! The School of Business also offers a range of postgraduate programmes for International Business graduates.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

You might also like

BBS/BBA International Business p. 86
BBS/BBA International Business and Global Cultures p. 88
BBS/BBA Business and Management p. 85

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Business (International) Double Major, Major/Minor or as a Minor	> 30 credits of Business (International) and continue with one of your other 1st year subjects as a Double Major, Major/Minor or as a Minor
> 15 or 30 credits of Business (International)	> Alternatively, you can transfer into our specialised BBS International Business degree (MH404). To be eligible to do so, students must successfully complete 1st year MH101, passing all modules in the 30 credit Business (International) subject. Alternatively you must pass all modules in the 15 credit Business (International) subject and pass Accounting and pass Economics/Finance in 1st year
> Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have successfully completed the first year of the BA degree (MH101) taking at least 15 credits of Business (International) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language)
	> Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have successfully completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and at least 15 credits of business
	> Optional 10 credit Elective in 2nd year (see p. 21 for details)
	Erasmus/Study Abroad option after 2nd year
or MH101 subject groups table go to p. 32	

Sample Modules

1st year	2nd year	Final year
> Global Business and Marketing	> International Business	> Managing Multinational Corporations
> Organisational Behaviour and Management	> International Management	> Strategic Management
	> Introduction to Management Information Systems	> Strategy Simulation
		> Sustainable Business and Responsible Management

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 🔘 **ask on webchat** 🔘 **ask a student**

Business (Management) (group 2 subject)

MH101 Points 2024: 307
Minimum entry requirements for Business (Management) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **Management is about taking ideas and converting them into action: designing, making, and delivering products and services that customers and citizens want or need. Essentially, it is about organising to get things done. As such, managers are generalists and organisers; they need to know the fundamentals of all major aspects of business, from thinking about the business as a whole and its strategic direction, to organising the workforce, managing the effective use of information technology, managing supply chains locally and globally, and effectively managing costs and revenues.**

> **Our faculty are a blend of international and local experts who bring profound insights into the practicality and complexity of Management. Business (Management) at Maynooth offers students insights into all of the major functions of business, as well as the flexibility to undertake specialist options in the subjects you enjoy so that you can shape your degree based on your own strengths and interests.**

> **Transfer from the MH101 degree into the 2nd year of the MH404 degree is possible. See the course structure below for details.**

After Graduation

> Typically Business graduates enter employment as general management graduate trainees in service or manufacturing organisations; work as functional specialists in areas such as marketing, sales, operations, management information systems, or human resource management; or undertake specialist masters in one of these disciplines. Careers in consulting, public service, and not-for-profit organisations are also popular.

> If you are interested in a career as a second level teacher of business, Business (Management) is the subject to choose from the three business subjects available in MH101.

> Many of our graduates choose to specialise further with a postgraduate degree; the School of Business also offers a range of postgraduate programmes for Business graduates.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

You might also like

BBS/BBA Business and Management p. 85
BSc/BBA Business with Sport Science p. 92
BCL Law and Business p. 96
BBA Business and Languages p. 90

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Business (Management) Double Major, Major/Minor or as a Minor > 15 or 30 credits of Business (Management) > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> 30 credits of Business (Management) and continue with one of your other 1st year subjects as a Double Major, Major/Minor or as a Minor > Alternatively, you can transfer into the MH404 BBS/BBA Business and Management degree. To be eligible to do so, you must pass 1st year MH101 including all modules in the 30 credit Business (Management) subject. Alternatively you must pass 1st year MH101 including all modules in the 15 credit Business (Management) subject and pass Accounting and pass Economics/Finance in 1st year > Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of Business (Management) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language) > Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and at least 15 credits of business > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Business Models and Marketing > Organisational Behaviour and Management	> Human Resource Management > Entrepreneurship Theory, Processes and Practices > Operations and Supply Chain Management	> Strategic Management > Innovation Management > Managing Information Technology for Business

Business (Marketing) (group 2 subject)

MH101 Points 2024: 307
Minimum entry requirements for Business (Marketing) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **Marketing is a wide and varied discipline, connecting a firm to its customers in the marketplace. It is fast-paced and dynamic, interlinking with every other area of business to understand how value is created and captured for the company and its customers. Marketers must understand customers' needs, how they behave and why they buy, so that businesses can build long term relationships with them. Using both traditional and digital tools, marketers deliver value through creating innovative products and services to meet marketplace needs.**

> **Our approach to Marketing provides students with a deep understanding of the marketing function, as well as wider management and business processes so you can deliver value to customers and your organisation. Options are available which allow you to specialise your degree according to your strengths and interests in the topic areas you enjoy most.**

> **Creating and managing customers are central themes to what we teach and research at the Maynooth University School of Business. Our faculty bring a rich and diverse expertise from both local and international markets across a broad range of topic areas, including digital marketing, online retailing, branding, communications and consumer behaviour. Together we offer students deep insights into the practicalities and applications of marketing, from what makes customers tick to how to make the best of market opportunities.**

After Graduation

> Business graduates are consistently among the most employable in the Irish education system. Marketing careers include roles in advertising, brand management, digital marketing, international marketing, customer account management, public relations, sales, and social media marketing.

> Typically, marketing graduates enter employment in a marketing role in either a private, public or not-for-profit organisation; enter employment in an organisation in a business role; or continue their education with a postgraduate degree.

> The School of Business also offers a range of postgraduate programmes for Marketing graduates.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Business (Marketing) Double Major, Major/Minor or as a Minor	> 30 credits of Business (Marketing) and continue with one of your 1st year subjects as a Double Major, Major/Minor or as a Minor
> Either 15 or 30 credits of Business (Marketing). Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Alternatively, transfer into our specialised degree MH404 BBS/BBA Marketing. To be eligible to do so, you must pass 1st year MH101 including all modules in the 30 credit Business (Marketing) subject. Alternatively you must pass all modules in the 15 credit Business (Marketing) subject and pass Accounting and pass Economics/Finance in 1st year
	> Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of Business (Marketing) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language)
	> Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and at least 15 credits of business
	> Optional 10 credit Elective in 2nd year (see p. 21 for details)
	Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Consumer Research and Marketing > Organisational Behaviour and Management	> Brand Management > Integrated Marketing Communications > Marketing Management > Digital Marketing	> Contemporary Issues in Marketing > Strategic Management > Sustainable Business and Responsible Management

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask **on webchat** ask a student

Chinese Studies (group 6 subject)

MH101 Points 2024: 307
Minimum entry requirements: While there is no minimum entry requirement to study non-beginner Chinese, we generally recommend H4 Leaving Certificate Mandarin Chinese.
Beginners: no minimum requirement in Chinese.
For full details about entry requirements see p. 30. If taking up Chinese Studies as a beginner, it is advisable to attend all lectures from the first week of term.

Subject Overview

> **Chinese Studies is offered at two levels, one for absolute beginners and one for those who already have some prior knowledge of the language. A wide range of subjects including Chinese language, culture, society and history are covered in this course.**

> **In third year you will have the exciting opportunity to study in one of Maynooth University's partner universities in China. This will improve your language ability, foster intercultural competence and help you to acquire the skills and confidence that you need in today's job market. Throughout your year abroad Maynooth University's International Office and Beijing office staff will be there to support you.**

> **Learning Chinese connects you to over 1.3 billion speakers of Mandarin Chinese worldwide. As Ireland rapidly expands its trade in goods and services with China, there is a growing demand for graduates with strong Chinese language skills and an understanding of Chinese society and culture.**

> **The introduction of Mandarin Chinese as a curricular subject for the Leaving Certificate examination means that there is an emerging need for teachers of Chinese at post-primary level.**

After Graduation

> As a Maynooth graduate of Chinese Studies you are in a prime position to take advantage of the existing links between Ireland and China. Your language skills and knowledge of Chinese culture will open doors for you in international trade and commerce, education, international relations and diplomacy, business, politics, or the media.

> If further study is an option for you then you may continue with the MA, MLitt or PhD programmes in Chinese Studies currently offered by Maynooth University.

Contact Us

Maynooth University Chinese Studies
School of Modern Languages, Literatures and Cultures
Rye Hall Block D
➤ www.maynoothuniversity.ie/chinese

You might also like
BBA Business and Languages p. 90
BA International Economics p. 94
BCL (Law and Arts) p. 132
French p. 45
German p. 49
Spanish p. 64

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Chinese Studies – Double Major or as a Minor	> Chinese Studies is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor
> Either 15 credits of Chinese Studies (if you studied Mandarin Chinese in school to the recommended H4 Leaving Certificate or you have an equivalent level) or 30 credits of Chinese Studies (if you are a beginner)	> Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginners Chinese Studies
> Non-beginners are strongly recommended to take Language and Culture as a subject in 1st year and to select the modules on Chinese Language and Culture. This is especially important if you intend to take the language on to degree level	> Optional 10 credit Elective in 2nd year (see p. 21 for details)
> Choose your other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	**Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	3rd year	Final year
> Chinese Language > Introduction to Chinese Culture	> Chinese Language > Television, Film and New Media > Gender, Class and Society in China > Chinese Social Theories > Comparing China and the West	> In year three, students have the option to study in one of Maynooth University's partner universities in China	> Chinese Language > Readings in Contemporary Chinese Culture and Current Affairs (Translation of current affairs publications Chinese – English, English – Chinese) > Project-based Learning

Classical Studies (group 6 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Classical Studies involves study of the history, literature, art, philosophy, and mythology of the ancient world; a survey that focusses on, but is not limited to, ancient Greece and Rome. The modern world's engagement with the Classical legacy, our reception of the past, is a key interest too.

> As the original interdisciplinary subject, Classical Studies spans an immense range of human experience over some 1,700 years, from the mythic age of the Greek heroes through to the "fall" of the Roman Empire. The subject offers an all-round education that complements many other courses, laying the foundation for success in many careers and walks of life.

> The complexities and diversity of ancient cultures are studied from many perspectives. Themes explored in individual modules include mythology and the gods; war and heroism; civilization and the 'barbarian'; ideologies of power and empire; people and elites; gender and sexuality; ideas of justice, law, happiness, and the holy.

> In Maynooth University, our smaller class sizes and friendly staff allow students to get individual attention and feel at home. No previous knowledge of the subject is required or expected, and all material is studied in English translation. However, beyond first year there are optional modules in Ancient Greek and Latin should the languages be of interest to students.

> The subject "Greek and Roman Civilization" has changed name to "Classical Studies".

After Graduation

> In our fast-changing world, many employers look for graduates who are flexible, creative, and open-minded, who can handle a variety of material and perspectives, conduct independent research, write, and communicate effectively. All these qualities and transferable skills are developed throughout the degree in Classical Studies.

> Its interdisciplinary nature is therefore highly valued as an ideal preparation for careers in education, the civil service, law, business, consultancy, journalism, librarianship, publishing, and cultural and heritage organisations.

> Our graduates in Classical Studies have gone on to careers across the public and private sectors, in teaching and academia, business and finance, publishing and the media.

Contact Us

Maynooth University Department of Ancient Classics, Arts Building

▶ www.maynoothuniversity.ie/ancient-classics

If you like Classical Studies, you might also like

English p. 43
History p. 50
Medieval Celtic Studies p. 57
Philosophy p. 60

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Classical Studies – Double Major, Major/Minor, or as a Minor. Classical Studies and another subject to degree level.	Classical Studies as a Double Major, a Major/Minor, or as a Minor from 2nd year
> 15 credits of Classical Studies	> Continue with 1 of your 1st year subjects
> Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Optional modules in both Ancient Greek and Latin are also available
	> Optional Study Tour module available
	> Optional 10 credit Elective in 2nd year (see p. 21 for details)
	Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year and Final year
First year offers students an introduction to the ancient world across two semesters:	**A sample of modules available beyond first year:**
> "Gods and Heroes" introduces the world of ancient Greece – its mythology, literature, and history. It starts with the epic world of Homer's Odyssey before turning to the cultural history of Athens. The story of that city's rivalry with Sparta, and their wars against the Persian Empire, is one for the ages.	> Tragic Tales from Classical Greece
	> Gender & Sexuality in the Ancient World
	> Love, War and Power in Roman Epic
> "Making Rome" considers the making and unmaking of the Roman Republic. Its fortunes were shaped by such figures as Pompey, Cleopatra, Cicero, and Caesar. This module explores their lives and those led by ordinary Romans: men and women, children and adults, senators, and slaves.	> Alexander the Great: Fire from Heaven
	> A World Full of Gods
	> Classical World in Modern Media
	> Human Nature and the Environment
	> Study Tour

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat 💬 ask a student

Computer Science (group 5 subject)

MH101 Points 2024: 307
Computer Science in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics
For full details about entry requirements see p. 30.

Subject Overview

> Computer Science at Maynooth University is the study of the principles and use of computers and software.

> Advanced topics such as computer vision, theoretical computer studies, robotics, cryptography and artificial intelligence may be studied, depending on the pathway students take.

> Students enjoy the huge benefit of studying other Arts subjects with Computer Science in first year. This lends graduates a wider frame of reference. There is a wide variety of options after first year.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and lab work.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

After Graduation

> Graphical interface design, medical imaging, video-based information systems, multimedia/web development, electronic publishing, computer assisted translation, e-learning systems development, games development, software development.

> Non-computing industries: financial services, business and administration, health services, and the automobile and aeronautics sectors.

> The Department of Computer Science offers a range of postgraduate study options.
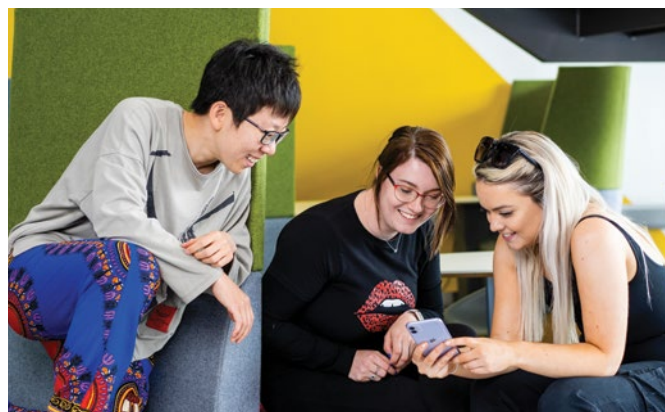
Contact Us

Maynooth University Department
of Computer Science, Eolas Building

✉ computerscience.department@mu.ie

You might also like

BSc Computer Science and Software Engineering
(through Arts) - see section 4

BSc Multimedia, Mobile and Web Development
(through Arts) - see section 4

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Computer Science Double Major, Major/Minor or as a Minor > Take either 15 credits or 30 credits of Computer Science > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see p. 32 for compatible subjects)	> Computer Science > Continue with 1 of your other 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Option to transfer to a specialised degree MH601 (BSc Computer Science through Arts), having successfully completed 1st year, and having taken **either** 30 credits of Computer Science plus 15 credits of Mathematical Studies **Or** 15 credits of Computer Science plus an additional 7.5 credits including the module CS172 in the second semester of first year (22.5 credits in total) plus the 15 credits of Mathematics > You may transfer into MH402 (BSc Quantitative Finance) if you complete 1st year MH101, achieving an average of at least 60% in each of the following subjects: 15 credit Economics/Finance subject, 15 credit Mathematical Studies subject and 15 credit Computer Science subject and pass your other subject. **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to programming, computer systems and computer science theory	> Algorithms & Data Structures > Databases > Operating Systems > Multimedia Technology	> Networks > Theory of Computation > Software Engineering > Complexity > Choice of CS topics

Criminology (group 2 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Criminology is the study of crime, criminal behaviour and the criminal justice system. It is sometimes referred to as the study of the making of laws, the breaking of laws and of society's reaction to the breaking of laws, signalling the three main branches that make up the subject.

> Maynooth University is the only University in the Republic of Ireland offering the opportunity to study Criminology as part of an Arts programme. In the MH101 degree you can choose Criminology in combination with other Arts subjects (including Law, Psychological Studies etc.) in first year, and then choose to continue with Criminology in second and third year.

> MH101 students who successfully pass first year, taking Criminology as one of their subjects, may transfer into second year of the new BA Criminology degree MH504.

> MH101 students who successfully pass first year, taking at least 15 credits of Law and 15 credits of Criminology, have the option to transfer into second year of the BCL (Law and Criminology) degree.

> Unique interdisciplinary programme with perspectives from sociology, psychology and anthropology as well as law. Flexibility and choice, including options to transfer degree.

After Graduation

> This programme allows students to broaden their career prospects into the criminal justice world, opening up potential careers in the Gardaí, security services, data analytics, probation, the prison service, the Non-Governmental Organisation (NGO) sector and research institutes.

> The skills you will gain from studying criminology are also highly transferable to other areas, including: law, journalism, social research, social work, counselling, community work, policy analysis and public administration.

> The School of Law and Criminology also offers a range of postgraduate study options in related fields.

Contact Us

Maynooth University School
of Law and Criminology, New House

➤ www.maynoothuniversity.ie/law

You might also like

BCL (Law and Criminology) p. 131
BA Criminology (NEW) p. 134
Law p. 52
Psychological Studies p. 62

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Criminology Double Major, Major/Minor or as a Minor Criminology & 1 other subject to degree level > 15 credits of Criminology > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with Criminology as a Double Major, Major/Minor, or as a Minor > Continue with 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Alternatively transfer into our specialised degree in Law and Criminology (MH502). MH101 students who successfully pass first year, taking at least 15 credits of Law and 15 credits of Criminology, have the option to transfer into second year of the BCL (Law and Criminology) degree. > Alternatively transfer into new BA Criminology (MH504). MH101 students who successfully pass first year, taking Criminology as one of their subjects, may transfer into second year of the new BA Criminology degree MH504. **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Exploring Criminology: What is crime? What is theory and why is it important? Spotlights on key crime categories such as homicide and terrorism. Key skills to study criminology at university level > Introduction to different models of criminal justice and the key personnel (police, judiciary, prison officers) involved in the criminal justice system	> Core modules such as Policing, Research Methods, Criminological Theory and Crime and the Media > A range of optional modules including perspectives from anthropology (Ethnographies of Crime and Policing), sociology (Society and State) and law (Mental Health and the Criminal Justice System; Gender, Crime and Criminal Justice; Ethnicity, Crime and Punishment)	> Core modules such as Punishment and Penal Policy, Youth Justice, and White-Collar Crime > A range of optional modules such as: Criminal Psychology; Victimology; the Psychology of Terrorism; the Politics of Mass Incarceration; Crime, Death and Forensic Anthropology

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask **on webchat** **ask a student**

Economics (group 4 subject)

MH101 Points 2024: 307
For full details about entry requirements see p. 30.
You do NOT need have taken Leaving Certificate Economics to study this subject at Maynooth University but we recommend O4/H7 in Leaving Certificate Mathematics.

Subject Overview

> Economics is a social science that helps us to understand the behaviour of decision makers such as consumers, firms, workers, governments, investors, central banks and regulators.

> Economics is not all about money and profits. Economics tackles problems such as: how to reduce gender inequality and racial discrimination; how to encourage international cooperation to address climate change; how to break the poverty trap in less-developed countries; how to solve the housing crisis.

> Economics provides a framework for understanding these societal problems and using that understanding to make evidence-based policy recommendations.

> Economists often use statistical techniques to understand markets and how people respond to incentives.

> Economists also use game theory to analyse strategic interactions between firms, or other market participants.

> An Economics education provides students with outstanding analytical and problem-solving abilities, including numerical and computing ability, as well as enhanced communication and presentation skills. These skills are highly valued by employers in all sectors from government to financial services.

After Graduation

> Our alumni are in a wide variety of public and private sectors such as banking, financial services, management consultancy, economic consultancy, journalism, teaching, politics. You can also pursue further study.

> The Economics Department at MU is made up of a vibrant group of academics with an international reputation for excellence in research and have strong links with business and the wider economics community including the Central Bank, the ESRI and several financial services companies. Postgraduate study options are available.

Contact Us

Maynooth University Department
of Economics, Rhetoric House
↳ www.maynoothuniversity.ie/economics

You might also like

MH101 Course Structure

1st year	2nd year and beyond
BA Bachelor of Arts – Economics Double Major, Single Major, Major/Minor or as a Minor > 15 credits of Economics > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	**At the beginning of the second year, you can decide to continue as a BA Arts (MH101) student, taking Economics as a single major, as a double major, as a major/minor or as a minor with one of your other 1st year subjects.** **Alternatively, you can transfer into one of MH401, MH402, MH403, MH415 or MH416 if you pass first year and meet the specific requirements to transfer as outlined below:** > You may transfer into MH401 (BA Finance) if you attain 50% in Economics and pass Accounting > You may transfer into MH402 (BSc Quantitative Finance) if you pass and achieve an average of at least 60% in each of the following subjects: 15 credit Economics subject, 15 credit Mathematical Studies subject and 15 credit Computer Science subject and pass your other subject. > You may transfer into MH403 (BA Accounting and Finance) if you take 22.5 credits in Accounting and attain 60% > You may transfer into MH415 (BSc Economics) if you attain 60% in Economics and 60% in Mathematical Studies > You may transfer into MH416 International Economics if you attain 50% in Economics and pass 15 credits in Mathematics and another subject from Chinese Studies, French, German, Spanish or Computer Science **Erasmus/Study Abroad option exists after the 2nd year. Students will be in Maynooth University campus for their final year.**

For MH101 subject groups table go to p. 32

Sample Modules

Core subjects	Optional subjects		
> Microeconomics	> Environmental Economics	> Competition and Regulation	> Economics of the EU
> Macroeconomics	> Economics of Inequality	> Economics of Work and Life Decisions	> Public Economics
> Game Theory	> Health Economics	> Money and Banking	> International Trade
> Quantitative Methods/ Econometrics	> Economics of Sport	> International Macroeconomics	> Information Economics
	> Economics of Crime		

English (group 3 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> **Beginning with words on a page, English is a world-facing subject: it takes you across historical periods, cultures, locations and genres, from poetry and drama to the novel, film, and creative writing too.**

> **English at Maynooth University provides an exciting and rewarding student experience. Throughout your degree, you will be encouraged to engage in critical debate about the meaning and value of literature through lectures, tutorials, and seminars.**

> **As a student of English, you will learn about:**

  - **Different literary forms from poetry and drama to the novel and film, as well as creative writing.**

  - **The conditions that shape literature from history and geography to questions of gender, race, and class.**

  - **How literary texts enable us to understand our own complex world.**

  - **Different approaches to and theories of literature.**

  - **How different schools of critical thought or areas have shaped and reshaped the subject of English literary studies.**

After Graduation

> Engaging in critical debate about the meaning and value of literature will help you to foster your critical and creative abilities, develop awareness of the multi-dimensional nature of human situations, approach problems with an open and enquiring mind and gain analytical, finely-honed writing and critical thinking skills - all of which appeal greatly to employers.

> Previous English graduates have been employed in a wide range of occupations, including journalism, the civil service, creative writing, the diplomatic service, business and management, marketing, advertising, librarianship, the arts and teaching.

> Maynooth University Department of English boasts notable expertise in a wide range of literature from the early modern to the present day, and from Irish literature to American, African, Arab and global literatures. There is also the option of further study, and we offer a range of postgraduate courses.

Contact Us

Maynooth University Department
of English, Iontas Building

www.maynoothuniversity.ie/english

English is also available in
BA Creative Writing and English (NEW) p.122
BA Media Studies p. 121
BCL Law and Arts p. 132

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – English – Single Major, Double Major, Major/Minor or as a Minor English & 1 other subject to degree level. > Take either 15 or 30 credits of English > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> English > Continue with 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) All students have the opportunity to take English as a Single Major, Major/Minor or Minor in 2nd year Students with an average mark of over 50% in 1st year English can take English as a Single Major from 2nd year **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
You will engage with a variety of texts, including political speeches, climate fiction, and plays and poetry from the US, Ireland, Britain, and the Caribbean. Your experience of literature will be enhanced through close reading, active discussion and writing exercises designed to develop your critical thinking and expression.	You will be introduced to a broad thematic study of English literature via a wide range of historical periods and geographical locations – from the Early Modern to the present, from Ireland and Britain to Africa and America. You will begin to make your own choices about which areas of English you study. Your critical and creative skills will be developed through debate and discussion as well as through the drafting and editing of your written work, guided by experts in these fields.	You will explore literature in English at an advanced level and investigate some new areas of the discipline. You will have the opportunity to choose which areas you would like to explore to deepen your knowledge of more specialised areas of English. With advice and supervision from lecturers, you will plan and write essays based on some of your own interests in literature and on your own independent research and writing.

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8   ask **on webchat**   **ask a student**

Finance (group 4 subject)

MH101 points 2024: 307

Minimum entry requirements for Finance in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics.

For full details about entry requirements see p. 30.

Subject Overview

> **Finance is the study of investment risk and reward. It examines the role of government and international organisations in the management and regulation of financial markets.**

> **You do not need to have any previous knowledge of Finance, only an interest in how the financial sector and the economy works and a desire to know more.**

> **The School of Business is made up of an accomplished group of academics with an international reputation for excellence in research and teaching.**

After Graduation

> Finance graduates have strong numeracy skills, coupled with an ability to think critically and analytically – invaluable assets in a wide range of professions. Graduates will also be proficient in market-leading financial applications such as Bloomberg.

> Graduates can be found in the banking and financial services industry, economic consultancy, finance units of public and private sector organisations, financial research, journalism, and teaching in Dublin, London, New York, and around the globe.

> Many of our students continue to further postgraduate study in Finance at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Finance Double Major or as a Minor > 15 credits of Finance > Choose up to 3 other subjects, which may include Critical Skills, from the 5 groups available (maximum 1 subject per group – see groups table p. 32)	> After 1st year you can take Finance in a Double Major or as a Minor with one of your other 1st year subjects. > You may transfer into MH401 (BA Finance) if you successfully complete 1st year MH101 and attain 50% in Finance and pass Accounting. > Or you may transfer into MH402 (BSc Quantitative Finance) if you successfully complete 1st year and attain 60% in Finance, Mathematics and Computer Science. > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Microeconomics > Macroeconomics	> Corporate Finance > Financial Management > Financial Modelling	> Sustainable Finance > Financial Data Analysis > Investments > Derivatives > Fixed Income Markets

French (group 6 subject)

MH101 Points 2024: 307
Minimum entry requirements: While there is no minimum entry requirement to study non-beginner French, we generally recommend H4 Leaving Certificate French.
Beginners: no minimum French requirement. For full details about entry requirements see p. 30.
If taking up French as a beginner, it is advisable to attend all lectures from the first week of term.

Subject Overview

> French has been studied at Maynooth since the foundation of the college in 1795. Maynooth University students enjoy studying French in a friendly, supportive environment at non-beginner level (Leaving Certificate H4 in French or equivalent recommended), or at beginner level (no minimum requirement).

> If you would like to attain a high level of competency in a modern European and world language, spoken by 300 million people on several continents and in French territories overseas, studying French as part of our degree programme is the path for you.

> Over the course of your degree programme, you will receive an excellent grounding in all aspects of French language through core modules in French Grammar, Writing in French, Oral Expression, and Listening Skills. In second year and final year, you may choose from a range of optional modules in French and Francophone culture, such as Politics and Ideas, Literature and Society, Women's Writing, Linguistics, Translation and Cinema (depending on availability).

> What distinguishes French at Maynooth is a strong tradition of teaching the French language, literature and culture, with much teaching taking place through the medium of French (for those taking the non-beginner stream).

> Maynooth has a network of exchanges with universities in countries where French is spoken. As part of this programme, you may spend a year studying at a French-speaking university or working as a language teacher in France (subject to availability). Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International.

> Students interested in teaching French should note that the Teaching Council of Ireland requires all registered teachers of French to have spent some time living in a French-speaking country. The Maynooth University School of Modern Languages, Literatures and Cultures advises at least a three-month residency.

After Graduation

> Language skills are increasingly essential in the modern world and a degree in French offers students enhanced employability in a wide range of careers including the diplomatic service, development work with NGOs, education, publishing, working with EU institutions, translation and interpreting, banking and business, international trade, communications, or tourism.

> Multinational companies, many of whom have bases in Ireland, often stress the importance of finding graduates who are not only fluent in languages but who have the intercultural competence to deal with colleagues and customers in an increasingly globalised world.

> Our graduates have pursued careers in teaching, translating and interpreting, public service, banking and business, law, journalism and media, and a number of them have established their own businesses in French-speaking countries. Some graduates decide they would like to proceed into postgraduate study, and our students have been successful in securing funding to study at MA, M.Litt., MSc and PhD levels.

Contact Us

Maynooth University French and Francophone Studies, School of Modern Languages, Literatures and Cultures, Rye Hall, Block D
➤ www.maynoothuniversity.ie/french

MH101 Course Structure

1st year	2nd year and Final year	
BA Bachelor of Arts – French – Double Major or as a Minor You will engage with a wide range of texts, learning to recognise and analyse key features. > Either 15 credits of French (if you studied French in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of French (if you are a beginner) > Non-beginners are strongly recommended to take Language and Culture as a subject in 1st year and to select the modules on French Language and Culture. This is especially important if you are hoping to take French on to degree level > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> French is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner French	**Erasmus/Study Abroad option after 2nd year** All students of French Studies have the opportunity to spend the third year of their degree programme in a French-speaking country. This might involve: > Studying at a university in France (Erasmus programme) > Assisting with English classes at a French school (ELA programme - subject to availability) > Erasmus internship/placement (subject to availability) Students who avail of the Year Abroad can have this year recognised as part of their studies and thus convert their degree programme into a 4-year BA International.

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Written and spoken skills in French > Topics in French and Francophone culture and society	> Written and spoken skills > Modules on politics, culture, cinema, literature, linguistics and Francophone cultures	> Recommended year abroad – Erasmus or language assistant > In final year (4th year if Erasmus or language assistantship option taken) you will choose from modules on literature, politics and culture in France and Francophone countries, linguistics, translation and other options

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Gaeilge | Nua-Ghaeilge (ábhar ó ghrúpa 4)

Íosriachtanais iontrála: H4, ar a laghad, sa Ghaeilge ag leibhéal na hArdteistiméireachta (nó a chomhionann) riachtanach le staidéar a dhéanamh ar an Nua-Ghaeilge. Níl sruth do thosaitheoirí ar fáil sa Nua-Ghaeilge. Tá na sonraí go léir ar fáil ar leathanach 30.

Forléargas ar an ábhar

> Déanann mic léinn na Nua-Ghaeilge staidéar ar an teanga (labhartha agus scríofa) agus ar ghnéithe den litríocht agus den chultúr.

> Foghlaimíonn ár mic léinn faoin ilghnéitheacht agus faoin oidhreacht shaibhir atá ag an nGaeilge, chomh maith le scileanna a bheidh úsáideach dóibh le linn a saoil, is cuma cén ghairm a roghnóidh siad. Baineann siad an méid sin amach i Roinn atá cairdiúil agus oscailte agus atá tiomanta don Ghaeilge agus don fhoghlaim.

> Tá ról lárnach ag an nGaeilge scríofa agus labhartha inár gcúrsa agus tugtar gach spreagadh do mhic léinn a scileanna labhartha agus scríofa a fheabhsú. Chuige sin, caitheann mic léinn tréimhse chónaithe sa Ghaeltacht de ghnáth.

> Tugtar modúil ar an litríocht chomhaimseartha ionas gur féidir le mic léinn eolas grinn a chur ar fhilíocht, ar phrós agus ar dhrámaíocht na Gaeilge. Cuirtear modúil ar fáil fosta ar an litríocht a bhaineann le tréimhsí níos luaithe, ina measc sin, filíocht na mBard, an Fhiannaíocht, filíocht an 17ú haois, an 18ú haois agus an 19ú haois. Tá modúil roghnacha ar fáil ar Ghaeilge na hAlban, ar thraidisiún na hamhránaíochta, agus ar an ainmeolaíocht. Mar aon le ceardlanna praiticiúla agus ranganna teagaisc ar an nGaeilge scríofa agus labhartha, cuirimid modúl ar shochtheangeolaíocht na Gaeilge agus ar chanúineolaíocht na nuatheanga ar fáil.

> Trí mheán na Gaeilge a bhíonn na léachtaí, na ranganna teagaisc, na ranganna oidis, agus na ceardlanna ar fad, agus déantar gach cumarsáid leis an Roinn trí mheán na Gaeilge. Cé go gcuireann cúrsa na chéad bhliana béim shuntasach ar an teanga scríofa (i.e gramadach), ní theastaíonn réamheolas ar an ngramadach uait.

> Tá ionad tacaíochta Gaeilge, An Droichead, ar fáil a chuireann cabhair ar fáil do mhic léinn, mic léinn na chéad bhliana go háirithe, atá ag streachailt leis an teanga. Piartheagasc atá i gceist, agus mic léinn na dara agus na tríú bliana i mbun grúpaí beaga a stiúradh. Ní bhíonn níos mó ná cúigear mac léinn i ngach grúpa agus bíonn deis ag mic léinn ceisteanna a chur, cleachtadh a dhéanamh ar struchtúir, srl.

> Tá traidisiún Gaeilge i Má Nuad a théann i bhfad siar. Bunaíodh an Ollúnacht le Gaeilge in 1795, díreach tar éis do Choláiste Phádraig teacht ar an bhfód. Dá bhrí sin, tá an Ghaeilge á múineadh ar an gcampas le breis is dhá chéad bliain.

> Is iomaí gné de léann na Gaeilge a ndéantar taighde uirthi sa Roinn, idir theanga agus litríocht, idir shean agus nua, chomh maith le réimsí léinn atá gaolmhar don teanga. Orthu sin tá, mar shampla, an Teangeolaíocht, an Béaloideas, An Chritic Liteartha, Gaeilge na hAlban, an Nua-Ghaeilge Mhoch agus Traidisiún na hAmhránaíochta.

Pléitear leis an nGaeilge mar theanga bheo agus mar chuid luachmhar d'oidhreacht chultúrtha na hÉireann agus na hEorpa.

Tar éis na céime

> Tá scileanna teanga, scileanna taighde, anailíse agus cur i láthair fite fuaite sa chéim agus bíonn ardmheas orthu i ngairmeacha éagsúla.

> Éiríonn lenár gcéimithe poist a bhaint amach i réimsí lena n-áirítear na meáin, aistriúchán, ateangaireacht, múinteoireacht ag an mbunléibhéal agus ag an dara leibhéal, an státseirbhís, i réimsí na ríomheolaíochta agus sa Roinn Gnóthaí Eachtracha.

> Tá na cláir iarchéime seo a leanas á dtairiscint ag an Roinn faoi láthair: M.Litt sa Nua-Ghaeilge (mórthráchtas), MA sa Nua-Ghaeilge (miontráchtas nó togra sa taighde ealaíonta, obair chúrsa agus scrúduithe), agus PhD sa Nua-Ghaeilge. D'éirigh le mic léinn dár gcuid maoiniú a bhaint amach thar na blianta le staidéar a dhéanamh ag na leibhéil seo a leanas: MA, M.Litt., MSc agus PhD.

Tá Nua-Ghaeilge ar fáil mar chuid de na cúrsaí seo chomh maith

BCL (Dlí agus Teangacha) lch 133

BCL (Dlí agus na hEalaíona) lch 132

BA Staidéar ar na Meáin lch 121

Déan teagmháil linn

Roinn na Nua-Ghaeilge Ollscoil Mhá Nuad

www.maynoothuniversity.ie/nua-ghaeilge-modern-irish

Seans go mbeadh spéis agat sna hábhair seo

Léann Síneach lch 38
An Fhraincis lch 45
An Ghearmáinis lch 46
An Léann Ceilteach lch 57
An Spáinnis lch 64

Gaeilge | Nua-Ghaeilge (Modern Irish) (group 4 subject)

MH101 Points 2024: 307
Minimum entry requirements: Leaving Certificate H4 in Irish (or equivalent) required to study Nua-Ghaeilge.
No beginner stream in Nua-Ghaeilge. For full details about entry requirements see p. 30.

Subject Overview

> Students of the Modern Irish course study the language (spoken and written) and aspects of literature and culture, learning about the diversity and rich heritage of the Irish language. They will accomplish this in a friendly, open Department that has a strong commitment to Irish and to learning. All lectures, tutorials and workshops are through the medium of the Irish language and the Irish language support centre, An Droichead, provides assistance to students, first year students in particular, who are struggling with the language. This works on a peer-tutoring basis.

> Spoken and written Irish are central to our course and students are given every encouragement and support. Students normally spend a period of residence in the Gaeltacht to develop these skills.

> Our modules allow students to gain a deep appreciation of contemporary Irish literature – poetry, prose and drama. Modules are also offered on earlier periods of Irish literature, including Bardic Poetry, the Fenian Cycle and poetry of the 17th, 18th and 19th centuries. There also are optional modules on Scottish Gaelic, on the sean-nós singing tradition, and on Irish-language oral traditions and onomastics. In addition to practical workshops and tutorials on written and spoken Irish, we also offer modules on the sociolinguistics of Irish and on the phonology and dialectology of the modern language.

> Maynooth has a long-standing tradition of Irish. The Professorship of Irish was established in 1795, immediately after St Patrick's College was founded. As such, Irish has been taught on the campus for over two hundred years.

> Many aspects of Irish studies are researched in the Department, both language and literature, old and new, as well as other related areas of study. Irish is studied both as a living language and as a valuable part of Irish and European cultural heritage.

After Graduation

> Advanced language and analytical skills, researching, and presentation skills are all embedded into the degree and are highly valued in various professions.

> Our graduates have secured jobs in areas including the media, translation, interpretation, teaching at primary and secondary level, in the civil service, in areas of computer science and in the Department of Foreign Affairs.

> A range of postgraduate programmes are offered by the Department.

Nua-Ghaeilge also available in

BCL (Law and Languages) p.133
BCL (Law and Arts) p. 132
BA Media Studies p. 121

Contact Us

Maynooth University Department of Modern Irish

www.maynoothuniversity.ie/nua-ghaeilge-modern-irish

You might also like

Chinese Studies p. 38
French p. 45
German p. 49
Medieval Celtic Studies p. 57
Spanish and Latin American Studies p. 64

MH101 Struchtúr an Chúrsa

BA Baitsiléir Ealaíon – Nua-Ghaeilge – Dhá Mhórábhar, Mórábhar/ Mionábhar nó Mionábhar

Déantar staidéar ar an Nua-Ghaeilge agus ar ábhar amháin eile don chéim. Níl an Nua-Ghaeilge ar fáil do thosaitheoirí.

Ní mór do mhic léinn H4, ar a laghad, a fháil sa Ghaeilge san Ardteistiméireacht (nó a chomhionann) le staidéar a dhéanamh ar an Nua-Ghaeilge.
> 15 creidiúint sa Nua-Ghaeilge
> Suas le trí ábhar eile nó Scileanna Criticiúla a roghnú ó chúig ghrúpa na n-ábhar (ábhar amháin ó gach grúpa ar a mhéad - féach tábla na ngrúpaí ar lch 32)

> Nua-Ghaeilge
> Déantar staidéar ar an Nua-Ghaeilge (agus ábhar amháin eile, seachas Scileanna Criticiúla) sa dara bliain agus i mbliain na céime mar cheann de Dhá Mhórábhar, mar Mhórábhar/Mionábhar nó mar Mhionábhar
> Sruth roghnach 10 gCreidiúint ar fáil sa dara bliain (féach lch 21)

Cuirtear modúil roghnacha éagsúla ar fáil sa dara bliain agus i mbliain na céime

Rogha don Erasmus nó don Staidéar Thar Lear i ndiaidh na dara bliana

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Téigh chuig lch 32 le breathnú ar thábla ábhair MH101

Modúil Shamplacha

An chéad bhliain	An dara bliain	Bliain na céime
> Teanga agus Litríocht na Gaeilge	> Nualitríocht > Litríocht na Sean-Ghaeilge > An Fhoghraíocht > Traidisiún na hAmhránaíochta	> An Nua-Ghaeilge Mhoch > Sochtheangeolaíocht na Gaeilge > Litríocht chomhaimseartha na Gaeilge > Gaeilge na hAlban > An Drámaíocht

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Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Geography (available in groups 1 & 6)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Are you curious about how we can: solve the global climate and ecological crises; build economies that work for people and not the other way around; spread development and lift people out of poverty, create welcoming places and become a good neighbour to the world? Do you want to build your capacity to use some of the most advanced and sought after GIS and Remote Sensing technologies? Our degrees will strengthen your capacity of learn and apply geographical analytics in the search for solutions to the big challenges of the twenty first century.

> Our students develop a valuable way of thinking 'spatially', with space, place, time and nature-society relations at the forefront of their analysis. We ask questions such as: How much climate change and land-use change are we causing and how quickly?

> Geography paves the way for active citizenship, diverse exciting careers including research, and provides a foundation for lifelong learning.

> Geography at Maynooth includes field trips, both in Ireland and overseas, and work placement modules (subject to availability).

After Graduation

> Geography students learn to think critically, analysing how and why our world changes. Geographers are flexible thinkers and learn a wide range of globally relevant career skills which appeal to employers in a fast-changing workplace. Such skills are attractive to employers throughout the public, private and voluntary sectors.

> Graduate careers include research, urban planning, community development, teaching, overseas aid and development, environmental monitoring and mapping, ICT, retail and marketing analysis, data analysis, environmental consultancy, business management, economic and industrial development agencies, public administration, environmental management and conservation agencies, to name but a few.

Contact Us

Maynooth University Department
of Geography, Rhetoric House

▸ www.maynoothuniversity.ie/geography

You might also like
BSc Biological & Geographical Sciences p. 139
Anthropology p. 34
International Development p. 51

MH101 Course Structure

1st year	2nd year and Final year	OR 2nd year and Final year
BA Bachelor of Arts – Geography – Single Major, Double Major, Major/Minor or as a Minor Geography and 1 other subject to degree level. > Choose 15 or 30 credits of Geography from group 1 and/or 6 plus up to 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group). If choosing Geography in Group 6, the only subject you may choose in Group 1 is Geography (this is due to timetabling of subjects in 2nd year)	> Geography > Continue with 1 of your 1st year subjects as a Major/Minor, Double Major or Minor > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Erasmus/Study Abroad option after 2nd year > Future-focused practical skills education e.g. in spatial data mapping is core across 2nd and final year, with a wide range of fundamental and emerging subject strengths offered as options, and exciting field courses in Ireland and overseas offering opportunities to apply this knowledge in the real world.	**Single Major Geography from 2nd year** > At least 50 credits of Geography in each of 2nd and final year Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
Students can choose 15 or 30 credits of Geography in first year. The two separate 15 credit Geography options are: **Living Landscapes – in group 1 (15 credits)** This introduces students to the diversity of human and physical landscapes across the modern world, how we have come to know a little about them, and the processes shaping them, past and present. **Global Environments – in group 6 (15 credits)** This introduces students to the issues involved in modern global development within a highly modified, rapidly changing natural environment.	2nd year fundamental topics may include: > Biogeography > Climate Action and Sustainability > Climatology > Urban Geography > Social and Cultural Geography > Geomorphology	In 3rd year you can continue with more specialist topics, for example: > Global Ecosystems Pressures and Sustainability > Climate Change > Geographical Information Systems (GIS) > Medical Geography You may also opt to apply for a work placement (subject to availability).

German (group 1 subject)

MH101 Points 2024: 307
Minimum entry requirements: While there is no minimum entry requirement to study non-beginner German, we generally recommend H4 Leaving Certificate German. For full details about entry requirements see p. 30.
If taking up German as a beginner, it is advisable to attend all lectures from the first week of term.

Subject Overview

> As the native language to almost 100 million people around the world, German is a critical language for business, science and culture.

> You can study German at non-beginner level (Leaving Certificate H4 in German or equivalent recommended), or at beginner level (as a double subject; no minimum requirement).

> Studying German at Maynooth University equips you with excellent language, communication, research, intercultural, analytical and critical thinking skills. Our students have opportunities to focus on film, literature, linguistics, translation, and business cultures connected to German, alongside the language itself.

> Small classes taught by experts: Our language, linguistics and culture modules are generally taught in small class groups - an environment in which students thrive. Our staff are keen researchers, and this is integrated into our teaching and approach.

> Every student will have the opportunity to spend a year in a German-speaking country as an Erasmus student, Language Assistant or Erasmus intern (subject to availability). We have links with over 20 universities in cities and towns in Germany and Austria such as Hamburg, Munich, Vienna, Tübingen, Potsdam, Leipzig and Bonn. Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International degree.

> If you are interested in teaching German, the Teaching Council of Ireland require all registered teachers of German to have spent some time living in a German-speaking country. The Maynooth University School of Modern Languages, Literatures and Cultures advises at least a three-month residency.

After Graduation

> **Highly sought-after skills:** Many of the world's largest firms with major operations in Ireland regularly recruit language graduates to work in all sectors of their operations.

> **Jobs across sectors:** Graduates with strong language skills are sought after in areas such as the diplomatic service, development work with Non-Governmental Organisations (NGOs), education, publishing, the EU institutions, translation and interpretation, international trade, communications, and tourism. Many of our graduates have pursued careers in teaching, translating and interpreting, public service, journalism and the media.

> **Study further:** Some graduates opt to go on to postgraduate study, and our students have been successful in securing funding to study at master's and PhD levels across a range of areas.

German also available in:

BCL (Law and Languages) p. 133

BBA Business and Languages p. 90

Contact Us

Maynooth University German Studies, School of Modern Languages, Literatures and Cultures, Rye Hall Block D

➤ www.maynoothuniversity.ie/german

MH101 Course Structure

1st year	2nd year and Final year	
BA Bachelor of Arts – German – Double Major or as a Minor > Either 15 credits of German (if you studied German in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of German (if you are a beginner) > Non-beginners are strongly recommended to take Language and Culture as a subject in 1st year and to select the modules on German Language and Culture > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> German as a Double Major or as a Minor > Continue with 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner German	**Year Abroad:** All students of German have the opportunity to spend the 3rd year of their degree programme in a German-speaking country. You can: > Study at a university in Germany or Austria (Erasmus) > Work as an English Language Assistant at a German or Austrian school (ELA programme - subject to availability). Complete an Erasmus internship / placement (subject to availability) Students who avail of the Year Abroad can get this year recognised as part of their studies and convert their degree programme into a 4-year BA International.

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Grundkurs Sprache: speaking, listening, reading, grammar, writing	> You will study a range of different topics and approaches to German Studies, and have opportunities to take optional modules in the cultures, cinemas, and literatures of Germanophone countries, as well as language awareness, business, and crossing boundaries (Year Abroad preparation)	> In addition to further improving your language skills, you will have the opportunity to continue to specialise in the cultures, cinemas, and literatures of Germanophone countries, or to include, for example, modules in linguistics and translation

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

History (group 2 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> History is the systematic examination of human experience over time. It attempts to explain the origins and evolution of the societies we live in, from as many points of view as possible.

> History explores the complex processes of social and economic change, the choice of one set of political or ethical values over another, the context in which new ideas arise, and much more.

> The written word is one way of gathering information about the past, but new technologies and research methods allow for the study of history to take place through other mediums.

> The Department's long-standing reputation for excellence and leadership in historical scholarship both in Ireland and abroad is key to the popularity of History at Maynooth. We have kept our discipline vibrant, engaging and of practical value to students. We provide a solid grounding in the practice of history and boast expertise in a wide range of specialist topics such as life in medieval Ireland, the intersection of European and world history, military history, country houses and estates, and gender and sexual politics.

After Graduation

> History graduates are particularly skilled in assessing the causes and repercussions of changes in our present world. Critical thinking, analysis, research, writing and oral communication skills are adaptable to various work environments.

> Arts and heritage administration, historical and other research (both private and public sector), archives and museums, computer services, library and information services, management consultancy, the diplomatic and civil service, public office, university administration, youth work, personnel management, banking, radio and TV, journalism, public relations, teaching at all levels, even air traffic control!

> A range of postgraduate study options are available at Maynooth University.

Contact Us

Maynooth University Department
of History, Rhetoric House
www.maynoothuniversity.ie/history

You might also like

Classical Studies p. 39
Medieval Celtic Studies p. 57
BA Media Studies p. 121
BCL (Law and Arts) p. 132

MH101 Course Structure

1st year	2nd year and Final year	Or
BA Bachelor of Arts - Single Major, Double Major, Major/Minor or as a Minor History and 1 other subject to degree level. > Take either 15 or 30 credits of History > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with History and 1 other 1st year subject > Students who pass either 15 or 30 credits of History in 1st year may take History as part of a Double Major, a Major/Minor or a Minor from 2nd year > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	**Single Major History from 2nd year** > At least 50 credits of History in each year > Students who achieve 50% or more in either the 15 or 30 credits of 1st year History may transfer to the Single Major in History from 2nd year > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to medieval history > Global revolution, 1916-19 > The Anglo-Irish aristocracy in war, 1914-23 > American History from Revolution to Civil War	> Europe in the early modern world > Ireland in the eighteenth century > History of terrorism > Europe post 1945 > American history elective	> Hitler's Europe, 1939-45 > The Troubles: conflict in Northern Ireland > Art, design and society in seventeenth-century Europe > Sport and politics in modern Ireland > Gender and emigration in nineteenth- and twentieth-century Ireland

International Development (group 3 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> **International Development examines the many global challenges associated with sustainable development for the planet, including those confronting people and societies in the Global South (Africa, Asia, and Latin America).**

> **As a student of International Development in the Bachelor of Arts degree, you will explore issues such as globalisation, climate change, poverty and migration, conflict, human rights, gender, the European Green Deal, and sustainable tourism from an international development perspective.**

> **Gain an understanding of social change processes from household to global levels from an international development perspective and how development can be planned, organised and managed to meet the needs of all, especially the most marginalised communities around the world.**

> **We focus on the roles and effectiveness of international and national development actors (UN, Governments, NGO's and Civil Society groups) and market actors in meeting development challenges, and in providing a better world for all.**

After Graduation

> Graduates will have developed knowledge of international policy trends, development education, facilitation, project planning and management as well as leadership and working with groups; opening opportunities to begin a career in the international development sector.

> Graduates may also find employment in the international business, civil service, and development education sectors in Ireland. Many of our students go on to work in international aid agencies and civil society organisations both in Ireland and overseas, especially those focused in the countries of the Global South.

> The Department of International Development offer a range of postgraduate study options.

Contact Us

Department of International Development,
Education House

www.maynoothuniversity.ie/international-development

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – International Development – Double Major, Major/Minor or as a Minor International Development and 1 other subject to degree level. > Take either 15 or 30 credits of International Development > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with International Development and 1 other 1st year subject as a Double Major, Major/Minor or as a Minor > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

Sample Modules

1st year		2nd year	Final year
15 credit option: > Introduction to key issues in International Development > Focus on key development challenges confronting the world today > Theory and practice of International Development responses	**30 credit option:** As per the 15 credit option, plus further modules that focus on: > Critical thinking in development > The work of key actors in the development sector (including non-governmental organisations, the state and international institutions)	> Development of key skills such as leadership, participatory development practice and project design > Build knowledge on development action including globalisation, gender inequality and humanitarian emergencies	> Participation in optional research project > Advanced classes on contemporary issues in development, climate change and food security, conflict and media/advocacy

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask **on webchat** **ask a student**

Law (group 1 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Choosing Law in the MH101 degree is ideal for students who want to sample it in their first year as part of a broad-based Bachelor of Arts degree. Law can be taken as a single or double subject in first year allowing students to combine the study of core law subjects with options from a wide range of subject areas.

> The flexibility and choice in the MH101 degree means students who successfully complete their first year law modules have the option of transferring to one of our specialised law degrees (BCL or LLB).

> Transferring into one of the specialised law degrees opens up more opportunities in the study of law. At the end of second year, students of the BCL and LLB degrees may apply to complete a work placement year in a law firm (subject to availability).

> All law students may apply to complete a year studying abroad at one of our partner institutions (subject to availability).

> Students can get involved in our numerous student societies: the student Law Society, European Law Students' Association or Student FLAC (Free Legal Advice Centre) Society.

After Graduation

> Students can tailor their Bachelor of Arts degree to their interests while developing a broad skill set which is highly valued by employers. If choosing to continue with Law after first year, we recommend eligible students transfer into one of the specialised Law degrees.

> Graduates of our specliaised LLB and BCL programmes (but not of the MH101 BA programme) will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister. Graduates of the BA, BCL, or LLB are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.

> Studying law also opens up a whole range of career options outside of being a lawyer such as careers in: journalism; policy development; business and finance; management consulting; the Non-Governmental Organisation (NGO) sector; and national and international public administration (such as with the EU or UN).

> The School of Law and Criminology offers a wide range of postgraduate study options from Criminology to International Business Law.

Contact Us

Maynooth University School
of Law and Criminology, New House

➤ www.maynoothuniversity.ie/law

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Law as a Double Major or as a Minor Law & 1 other subject to degree level. > 30 or 15 credits of Law > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with Law as a Double Major or as a Minor in the BA degree > Students who successfully complete 1st year, attaining 40% or higher in Law in 1st year may apply to transfer into 2nd year of the BCL (Law and Arts) programme or 2nd year of the 4 year LLB Law degree. Students who have taken Law alongside Accounting, Business or Criminology in 1st year may apply to transfer to 2nd year of the BCL Law and Accounting, Business or Criminology respectively (subject to certain conditions). Only BCL and LLB graduates are recognised by the King's Inns as eligible to sit their entrance examination for entry to training to become a barrister > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> The nature of legal systems, and how laws are made nationally and internationally > The role of lawyers, judges, legislators, and other actors in the legal system > The laws relating to crime, negligence, and privacy	> The laws relating to evidence, and building a legal case > The laws relating to business and companies > EU and international law	> The laws relating to the family, media, and property > International law and justice > The theory of laws and legal systems

Mathematical Physics (group 6 subject)

MH101 Points 2024: 307
Minimum entry requirements for Mathematical Physics in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **Mathematical physics, or theoretical physics, is the study of the fundamental laws of nature that govern our existence; from the interactions of quarks and gluons through the properties of metals and the aerodynamics of flight, to the evolution of stars and galaxies.**

> **Many of the technologies we now take for granted have their origins in fundamental physics research, including PET scanners, lasers, Wi-Fi and the world wide web.**

> **Theoretical physics challenges our deeply held notions of what the world is like, and has led to developments in thinking from philosophy to genetics and neuroscience.**

> **The study of Mathematical Physics at Maynooth University has a long and distinguished tradition, of over 200 years. Modern theoretical physics and applied mathematics are exciting and dynamic fields, and this excitement is reflected in the research projects which are pursued in the Department.**

> **As well as being introduced to the major ideas and developments in theoretical physics and applied mathematics, you will be equipped with the tools to meet current and future developments in science, engineering, finance and other technologies of the future.**

> **Maynooth University offers the unique possibility of combining Mathematical Physics with subjects such as Music, Philosophy or Geography.**

After Graduation

> Physics and mathematical science graduates with analytical and problem-solving skills are in high demand in our technology and data driven society.

> Your career options include research and development, computing and software engineering, electronics, telecommunications, semiconductors, banking, finance, management and teaching.

> Entry into research is also an option, including multi-disciplinary fields such as nanotechnology, biophysics, financial mathematics, or medical physics.

> The Department of Physics offers a range of postgraduate study options including an MSc in Theoretical Physics and Mathematics.

Contact Us

Maynooth University Department of Physics,
Science Building

➤ www.maynoothuniversity.ie/physics

You might also like

MH101 Course Structure

1st year	2nd year and Final year	
BA Bachelor of Arts – Mathematical Physics as a *Single Major, Double Major, *Major/Minor or Minor Mathematical Physics and another subject to degree level. > 15 credits of Mathematical Physics > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group - see p. 32 for compatible subjects) *Single Major, Major/Minor may be discontinued in the future.	> Double Major, Major/Minor or Minor: Mathematical Physics and 1 of your 1st year subjects in 2nd & 3rd year > Single Major option 1: Mathematical Physics with 1 of your 1st year subjects in 2nd year and Mathematical Physics only in 3rd year > Single Major option 2: Mathematical Physics only in 2nd and 3rd year (60% required in 1st year Mathematical Physics to take this option) > Optional 10 credit Elective in 2nd year (see p. 21 for details)	**Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Space-time	> Electricity and magnetism	> Quantum mechanics
> Force	> Vibrations and waves	> Statistical physics
> Newton's laws	> Vector calculus	> Particle physics
> Quantum physics	> Mechanics of Lagrange and Hamilton	> Physical cosmology
> Einstein's special theory of relativity	> Special theory of relativity	> Solid state physics
> Angular momentum	> Computational physics	> Fluid mechanics
> Conservation laws	> Thermal physics	> Quantum information science

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 **ask** on webchat   ask a student

Mathematical Studies (group 3 subject)

MH101 Points 2024: 307
Minimum entry requirements for Mathematical Studies in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **Mathematics is the logical and abstract study of pattern. It involves an interplay between the concrete and the abstract: the ever-changing world around us is one of the key inspirations for the invention and investigation of abstract mathematics, and the discoveries of abstract mathematics have important and unexpected applications in the world around us.**

> **The Department offers multiple programmes to suit a range of Mathematical backgrounds, from the intensive Pure Mathematics programmes, which are aimed at students with a strong interest in abstract mathematics and a flair for analytical reasoning, to the more applied programmes which appeal to students who enjoy the more concrete areas of the subject. Our Mathematics degrees aim to bridge the gap between school Mathematics and current frontiers of knowledge. You will learn to think hard and rigorously about questions and to solve new problems – invaluable skills that can be transferred to any area of life and any job you hold in future.**

> **A degree in a Mathematical discipline opens the door to jobs in a variety of fields such as finance, trading, insurance, information technology, education, data analysis, scientific research and development.**

After Graduation

> Well-trained mathematicians are always in demand. A degree in Mathematics from Maynooth University not only provides specialist knowledge, it also trains graduates to think logically and clearly. These skills are highly sought after in finance and banking, insurance, the civil service, teaching, industrial and commercial management, administration and technical, scientific and engineering work in industry and in research and development.

> Postgraduate study is also available at the University. The academic staff in the Department of Mathematics and Statistics have a diverse range of research interests in areas including algebra, analysis, data analysis, dynamics, geometry, number theory, statistical modelling and topology.

Contact Us

Maynooth University Department of Mathematics and Statistics, Logic House

www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

MH101 Course Structure

1st year	2nd year	Final year
BA Bachelor of Arts Mathematical Studies - Double Major, Major/Minor or Minor > 15 credits of Mathematical Studies > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group - see groups table p. 32)	**Double Major, Major/Minor or Minor:** > Mathematical Studies is taken with another Arts subject > Optional 10 credit Elective in 2nd year (see p. 21 for details) > You may transfer into MH402 (BSc Quantitative Finance) if you pass and achieve an average of at least 60% in each of the following subjects: 15 credit Economics/Finance subject, 15 credit Mathematical Studies subject and 15 credit Computer Science subject and pass your other subject.	> Mathematical Studies may be taken as a Single Major > Alternatively, Mathematical Studies may be taken as a Major/Minor, Double Major or Minor with your 2nd year subject **Erasmus/Study Abroad option after 2nd year**

Sample Modules

1st year	2nd year	Final year
> Calculus > Statistics > Linear Algebra	> Calculus > Linear Algebra > Differential Equations > Number theory	> Analysis > Groups > Geometry > Graph Theory > Experimental and Computational Mathematics > Various optional modules

Mathematics (Pure) (group 1 & 3 subject)

MH101 Points 2024: 307
Minimum entry requirements for Mathematics (Pure) in MH101: required minimum H2 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> **Mathematics is the logical and abstract study of pattern. It involves an interplay between the concrete and the abstract: the ever-changing world around us is one of the key inspirations for the invention and investigation of abstract mathematics, and the discoveries of abstract mathematics have important and unexpected applications in the world around us.**

> **The Department offers multiple programmes to suit a range of Mathematical backgrounds, from the intensive Pure Mathematics programmes, which are aimed at students with a strong interest in abstract mathematics and a flair for analytical reasoning, to the more applied programmes which appeal to students who enjoy the more concrete areas of the subject. Our Mathematics degrees aim to bridge the gap between school Mathematics and current frontiers of knowledge. You will learn to think hard and rigorously about questions and to solve new problems – invaluable skills that can be transferred to any area of life and any job you hold in future.**

> **A degree in a Mathematical discipline opens the door to jobs in a variety of fields such as finance, trading, insurance, information technology, education, data analysis, scientific research and development.**

After Graduation

> Well-trained mathematicians are always in demand. A degree in Mathematics from Maynooth University not only provides specialist knowledge, it also trains graduates to think logically and clearly. These skills are highly sought after in finance and banking, insurance, the civil service, teaching, industrial and commercial management, administration and technical, scientific and engineering work in industry and in research and development.

> Postgraduate study is also available at the University. The academic staff in the Department of Mathematics and Statistics have a diverse range of research interests in areas including algebra, analysis, data analysis, dynamics, geometry, number theory, statistical modelling and topology.

Contact Us

Maynooth University Department of Mathematics and Statistics, Logic House

➤ www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

Accounting p. 33
BSc Computational Thinking p. 104
BSc Theoretical Physics and Mathematics p. 141
Economics p. 42
Mathematical Studies p. 54
Statistics p. 65

MH101 Course Structure

1st year	2nd year	Final year
BA Bachelor of Arts Mathematics (Pure) - Double Major or Major/Minor > As a Double Major BA degree Mathematics (Pure) is taken with 1 or 2 other Arts subjects, which may include Critical Skills in 1st year > See page 32 for compatible subjects excluding groups 1 & 3	> Mathematics (Pure) may be taken with another Arts subject, or it may be taken as a Major/Minor with an Arts subject or Statistics > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	> Mathematics (Pure) is taken as a Single Major, on its own, or Major/Minor or Double Major with your 2nd year subject **NOTE:** Students require a mark of 50% or higher in 1st year Mathematics (Pure) to proceed to 2nd year in Mathematics (Pure). Students attaining a mark below 50% and who are eligible to proceed to 2nd year, progress to 2nd year Mathematical Studies, or progress with Statistics and their other 1st year subject, or with the two other subjects they took in 1st year.

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Integration > Analysis > Finite Maths > Linear Algebra > Geometry	> Real and Complex Analysis > Metric Spaces > Group Theory > Rings and Fields	> Topology > Group Theory > Number Theory > Differential Geometry > Some optional modules

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 **ask** on webchat **ask a student**

Media, Film & Cultural Studies (group 6 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements, see p. 30.

Subject Overview

> **By studying Media, Film & Cultural Studies, you'll get to explore the ways that 'new' media like social media, AI, and digital platforms as well as 'old' media like film, television, print and radio shape your lived experience and learn how to engage effectively and critically with an increasingly mediated world.**

> **You will have the opportunity to research and analyse media genres like advertising and documentary, media subcultures and fandoms, media technologies and platforms like video streaming and TikTok and you will develop understanding of how media shapes our ways of being in the world.**

> **You'll develop your employability and professionalism through your exploration of media, film and cultural industries and working lives.**

> **This subject is focused on critical dimensions of media, film and culture, and you'll have opportunities to use practical and project-based skills on modules like Radio Production and Digital Content Creation. To develop more extensive skills in digital and audio-visual practice, you should apply to MH109 BA Media Studies.**

After Graduation

> Graduates emerge from Media, Film & Cultural Studies with in-demand skills to work in sectors including broadcasting and film, arts, culture & heritage; content creation; social media; marketing, PR and communications; NGOs and charity; and education.

> Students build knowledge of the key practices and processes of the ever growing and ever changing media and cultural industries. Graduates emerge with transferable communication, problem-solving, research, project management and teamwork skills that are well-matched with wider sectors including public service, education and business.

> Postgraduate study is also an option and we offer a range of interesting options to our students.

Contact Us

Maynooth University Department of Media Studies, Iontas Building

➤ www.maynoothuniversity.ie/media-studies

You might also like

BA Media Studies p. 121
(This specialised degree includes practical, hands-on instruction in digital storytelling practices.)
BA Creative Writing and English (NEW) p. 122
Anthropology p. 34
English p. 43

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Media, Film and Cultural Studies – Double Major or as a Minor	> Media, Film and Cultural Studies is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor
> 15 credits of Media, Film and Cultural Studies	> Optional 10 credit Elective in 2nd year (see p. 21 for details)
> Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	**Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> You'll explore media, film and cultural texts and narratives; learn about media, film and cultural industries; and examine media, film and cultural audiences.	> Along with modules that develop your research and analytical skills in media, film and cultural theories and texts, you'll be able to select optional modules like Film, TV and Screen Studies, Media & Politics, and Media and Gender, among others.	> Here you'll have the chance to learn more about media, film and cultural industries and work by engaging in skills-development projects, interacting with graduates and developing CVs and portfolios. You'll also be able to select optional modules like Podcasting, Global Cinema and Authorship in Film & TV.

Medieval Celtic Studies (group 6 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Anyone with an interest in Irish history, archaeology, languages or literature will be captivated by this subject: from Cú Chulainn to Clonmacnoise, from Brú na Bóinne to the Book of Kells, all aspects of Medieval Celtic Studies are explored. The Department engages in teaching and research in the history, culture, language and literature of medieval Ireland and related societies.

> The diverse range of topics encompasses heroic literature and pre-historic archaeology, Otherworld tales and mythology, and gender and sexuality in medieval Celtic societies. The links between Ireland and the wider Celtic world are explored through literature and archaeology.

> You will study texts through English translations, and gain insights into the society of medieval Ireland: a world of power struggles, cattle raids, love triangles, infidelity, warfare, kingship and much more. Along the way, students discover that certain fundamental human experiences and anxieties were the same in the early Middle Ages as they are in the twenty-first century.

> There is an option to study modules in both the Old Irish language and Middle Welsh.

> A world-leading centre for the study of Medieval Irish and Celtic Studies, the Department of Early Irish is diverse and friendly and offers a vibrant and stimulating experience for students. The Department has received several prestigious grants, including a European Research Council grant to support research in the area of Early Medieval Irish literature and language, as well as two Irish Research Council Laureate Awards for frontier research on the history of medicine in medieval Ireland. The Department has also been at the forefront of several major collaborative projects in the area of Digital Humanities. Our special strengths lie in the study of medieval Irish literature, in its growth and development and in its relationship to contemporary European culture, as well as in the study of the Early Irish language.

After Graduation

> Through your studies you'll develop a combination of analytical skills in literature, history and language – useful assets for critical thinking in a variety of careers. Graduates of Medieval Celtic Studies have found employment in heritage tourism and related areas, education, civil service, library work, Irish language publishing and academic research.

> There is also the option for further study and graduates can also take advanced degrees after the undergraduate programme.

Contact Us

Maynooth University Department of Early Irish
(Sean-Ghaeilge), Arts Building

➤ www.maynoothuniversity.ie/early-irish-sean-ghaeilge

You might also like

BCL (Law and Arts) MH502 p. 132
English p. 43
History p. 50
Nua-Ghaeilge p. 46

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Medieval Celtic Studies – Double Major, Major/Minor or as a Minor > Take 15 credits of Medieval Celtic Studies > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with Medieval Celtic Studies and 1 other 1st year subject as a Double Major, Major/Minor or as a Minor > 2nd and 3rd year optional language modules are available, subject to a minimum level of uptake > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Power and Status in the Celtic World > Gender and Sexuality in the Celtic World	> Archaeology > History > Literature > Language (optional)	> Literature > History > Language (optional)

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask **on webchat** ask a student

Music (group 5 subject)

MH101 Points 2024: 307
Minimum entry requirements: To study Music requires minimum Leaving Certificate H5 Music or equivalent.
For full details about entry requirements see p. 30.

You have the option of studying either solo performance (subject to audition or certificate) or group piano tuition. BA students who have attained Grade 6+ (ABRSM, RIAM, Trinity College London) on a standard orchestral instrument (excluding percussion), piano, organ, classical guitar, voice or saxophone; Grade 6+ (Rockschool, Trinity College London) on bass, drums, vocals, keyboard or guitar (electric or acoustic); or who are traditional Irish musicians or musical theatre vocalists of comparable fluency, will also have an opportunity to take individual tuition in their instrument or voice.

Students who have not taken formal performance examinations are invited to audition, demonstrating Grade 6+ attainment, in September. Please see further details on the Department of Music website. Alternatively, group piano tuition is an option open to all levels from absolute beginner to advanced. Where possible, the Department of Music arranges instrumental/vocal tuition on campus. Students can also choose to have instrumental/vocal tuition (funded to a maximum amount by the Department) at either TU Dublin or RIAM.

Subject Overview

> **Our programmes are designed to ensure an exciting, broad and firm grounding in practical, compositional and academic work. Studying Music at Maynooth, Ireland's largest university music department, offers unparalleled choice and expertise, from performance to computer programming, from ancient traditions to contemporary experience, from high art to heavy metal.**

> **Students have the opportunity to specialise in areas that really interest them the most in final year such as the option to specialise in performance, composition or music history (musicology including pop/rock) and the music of other cultures (ethnomusicology). Some of the modules available include 'Opera in Context' and 'Popular Music Studies'.**

> **Students participate in ensembles such as the Chamber Choir and Traditional Music Ensemble.**

> **For those considering teaching Music at second level, the Teaching Council requirements are met by studying Music in the MH101 degree.**

After Graduation

> Music teacher, choral director, church organist/director of music, music librarian, orchestral/session musician, composer/arranger are just some of the roles in which our graduates have found employment. Graduates have also worked in the following fields: arts administration, multimedia, music industry, music journalism, music publicity and recording, radio production and presentation.

Contact Us

Maynooth University Department of Music,
Logic House

www.maynoothuniversity.ie/music

You might also like

MH101 Course Structure

1st year	2nd year	Final year
BA Bachelor of Arts – Music – Double Major, Major/Minor or as a Minor > 15 or 30 credits of Music > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> After 1st year you take Music as part of a Double Major, as a Major/Minor or as a Minor > Continue with 20, 30 or 40 credits of Music plus 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	> 20, 30 or 40 credits of Music plus other subject

Sample Modules

1st year	2nd year	Final year
> Performance (solo and ensemble) > Music history; music's cultural role > Music theory	> Performance (solo and ensemble) > Composition > Music history; film music; music's cultural and social roles > Music theory > Irish Traditional Music > Orchestration and arrangement	> Performance (solo and ensemble) > Music history, culture, theory and analysis > Music therapy > Composition > Orchestration and arrangement

Music Technology (group 4 subject)

MH101 Points 2024: 307
Recommended minimum 03/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 30.

Subject Overview

> A unique opportunity to combine Music Technology with subjects such as Music, Computer Science and a wide range of other disciplines. Studying Music Technology offers an opportunity to develop and combine your creative and technical abilities.

> This subject strikes a balance between practice and theory. You gain hands-on experience of the practical skills involved in music technology while learning about essential concepts.

> Wide in scope, Music Technology includes recording and sound engineering, computer music programming, sound design, composition, acoustics and psychoacoustics.

> Our programme is designed to ensure a broad and firm grounding in practical and theoretical work, with expanded opportunities to specialise in the areas that interest you the most in your final year. Final year students oversee significant recording and composition projects, or work towards instrument and software development.

> Facilities include a recording studio; a live room; a 5.1 mastering studio; Mac laboratories utilising Pro Tools software and field recording resources.
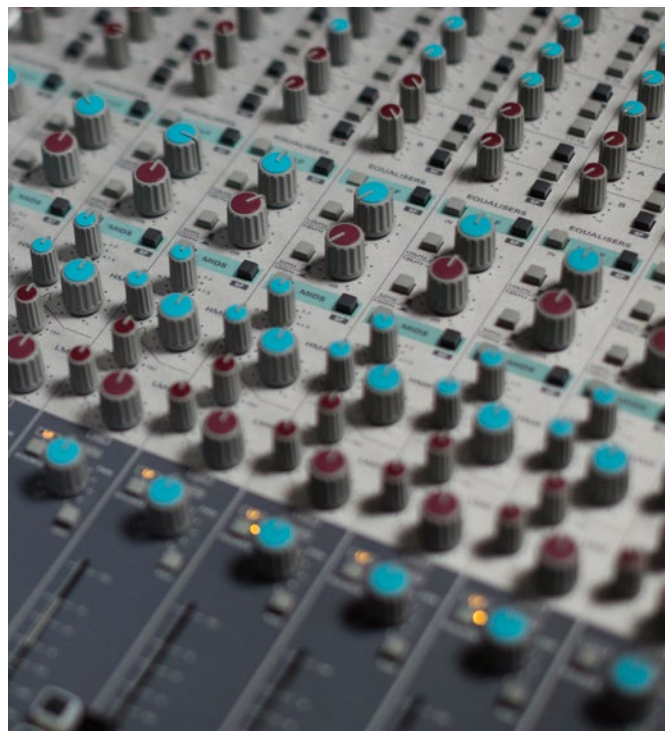
After Graduation

> Maynooth Music Technology graduates emerge with skills in sound design, computer programming, and music recording and production, as well as skills offered through studying a second discipline.

> Career areas which graduates might consider include: sound designer for games, animation and film; music producer; recording engineer; software developer; radio producer. Graduates have also worked in arts administration, events management, music publicity and music journalism.

Contact Us

Maynooth University Department of Music,
Logic House

➤ www.maynoothuniversity.ie/music

You might also like
Computer Science p. 40
Music p. 58
BMus Bachelor of Music MH103 p. 118

MH101 Course Structure

1st year	2nd year and Final year
> 15 credits of Music Technology > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group)	> Music Technology and 1 of your other 1st year subjects as part of a Double Major degree or as a Minor > Optional 10 credit Electives in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Acoustics and Psychoacoustics > Digital Audio Workstations > Listening Skills	> Music Software Programming > Sound Design > Studio Recording Techniques	> Mixing > Electroacoustic Composition > Music Application Development

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Philosophy (group 1 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> **Philosophy' is an ancient Greek word that means 'love of wisdom'. The wisdom philosophy seeks is concerned with the big questions that everyone will eventually encounter in his or her life such as the nature of reality, what it means to know or how to live a good life, but also contemporary social and political issues from a philosophical lens. Through philosophy, we interrogate our own identities, challenge ethical principles, and understand ethical decision making processes.**

> **Philosophy approaches these questions both historically and systematically. Thinking philosophically requires knowledge of what those who have come before us have thought; but it also requires the ability to evaluate these positions critically.**

> **In studying philosophy, you will engage with different perspectives on these fundamental questions and will uncover the profound influence of social and historical contexts on philosophical theories, and how power dynamics and societal norms shape our understanding of the world. Through this, you will gain a deeper appreciation for the rich diversity of human experiences and engage in respectful dialogue with peers. By challenging your own assumptions and beliefs, you will develop critical thinking skills and cultivate a deeper understanding of the complex forces that shape our beliefs and values.**

> **Philosophy explores the foundations of all of reality and of all knowledge. To mention a few examples, there is a philosophy of language and a philosophy of music; political philosophy; ethics; a philosophy of science and a philosophy of religion. There is nothing that cannot be questioned philosophically, and there is no interest that cannot be combined with philosophy.**

> **At Maynooth University, Philosophy is available for a great number of subject combinations in the MH101 Arts degree, both as double major or as a major-minor combination. It can also be studied in conjunction with Mathematics and Computer Science (BSc in Computational Thinking).**

After Graduation

> Choosing philosophy means to be curious about the big questions in life such as existence, foundations of knowledge, ethics, values, and the nature of reality. It cultivates some of the most sought after skills by employers and is thus essential for any career path: flexible thinking, clear communication, thinking creatively and independently, and ethical decision-making.

> Philosophy graduates are valued for their strong analytical skills, critical thinking abilities, and aptitude for problem-solving. They possess excellent communication skills, both written and verbal, allowing them to articulate complex ideas clearly and persuasively. Employers often appreciate their ability to approach issues from multiple perspectives and their capacity to think creatively and abstractly, to "think outside the box".

> Philosophy also offers a gateway to interdisciplinary exploration, allowing you to connect philosophical principles with subjects ranging from politics and sociology to history and the sciences. Additionally, philosophy graduates demonstrate ethical reasoning and a commitment to thoughtful decision-making, making them valuable assets in various fields such as law, education, business, public policy, and non-profit organizations.

> We offer a range of postgraduate study options.

Contact Us

Maynooth University Department of Philosophy, Riverstown Lodge

↖ www.maynoothuniversity.ie/philosophy

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Philosophy – Double Major, Major/Minor or as a Minor Philosophy and 1 other subject to degree level. > Take 15 credits of Philosophy > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Continue with Philosophy as a Double Major, Major/Minor or as a Minor and 1 other 1st year subject > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to Philosophy: Cultivating Critical Thinking and Inclusive Perspectives > Introduction to Ethics: Exploring Value, Justice, and our Relationship to the Non-Human World	> Digital Ethics > Epistemology > Fundamentals of Logic for Computational Thinking > Introduction to Greek Philosophy > Philosophies of the Digital Age > Philosophy and Sustainability > Studying Women Philosophers	> Morality and the Law > Phenomenology and Continental Philosophy > Philosophy of Natural Science > Philosophy of Religion in the Modern Age > Rationalists and Empiricists: Towards Modern Philosophy > Renaissance Philosophy: Methods and Practices

Politics (group 6 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Politics is about how we figure out what our society should look like. Street protests, local elections, European treaties, parliamentary debate, local council decisions, industrial conflict – all are part of the everyday life of politics. We encourage students to engage in social movements and issue-based campaigning, and to get involved with political parties and human rights work.

> Politics combines the traditional study of political institutions (parties, parliaments, elections, policy-making and more), political ideologies (such as liberalism and socialism) and ideas (such as justice and freedom) across a wide range of countries and regions.

> Students explore the ways that politics works and does not work, and how it shapes our lives for better and worse. We investigate the different forms that politics can take, how politics is organised in different countries, how politics is shaped by society and how it can chart new paths for societies. Students explore Irish and international politics.

> Politics students do a participant workshop with a focus on active citizenship, providing "real world" experience of the issues raised in the teaching programme. Students also have the opportunity to carry out research into political life, developing analytical, communication and presentation skills.

> The Centre for the Study of Politics (CSOP) and the Maynooth University Centre for European and Eurasian Studies (MUCEES) are both important parts of the MU Politics programme.

> Politics students have the opportunity to spend a year abroad, to go on staff-led field trips and to become actively involved in the Sociology and Politics Society in the MSU (Maynooth Students' Union).

> Politics students do a 2nd year external module with a focus on active citizenship, providing "real world" experience of the issues raised in the teaching programme. Students also have the opportunity to carry out research into political life, developing analytical, communication and presentation skills.

After Graduation

> Taking Politics and/or Sociology to degree level meets the Teaching Council degree subject requirement to teach Politics and Society at second level following a Professional Master of Education (PME).

> While some graduates may enter electoral and party politics, many more will work in areas such as public policy, the media, international affairs, the European Union, human rights, community work, political activism and business and management.

> The Department offers a range of postgraduate study options.

Contact Us

Centre for the Study of Politics, Maynooth
University Department of Sociology, Level 2,
TSI Building

➤ www.maynoothuniversity.ie/sociology/politics

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Politics – Double Major or as a Minor Politics and 1 other subject to degree level. > Take 15 credits of Politics > There is an option to take Sociology (group 5) with Politics (group 6) which would provide a 30 credit Sociology-Politics double subject > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group - see groups table p. 32)	> Continue with Politics as a Double Major or as a Minor and 1 other 1st year subject > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to Political Institutions > Introduction to Political Ideas > Lectures are supplemented with a customised tutorial programme	> Democracy and Citizenship > Research Methods > Active Citizenship Workshop > Society and State > Optional modules include: Social Movements, Politics of the EU, Politics of the Americas, International Relations	> Irish Politics and Society > Gender and Politics > Killing for the Nation > Democracy in Crisis > Revolutions > Environment and Society > Northern Ireland > Final year students produce a BA research project. For examples please see our website

Psychological Studies (group 6 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Psychological Studies in MH101 is a flexible degree option, ideal if you would like to learn about human behaviour in combination with another subject in the BA Arts Double Major pathway. This flexibility allows students to focus on key aspects of Psychology alongside other subjects of interest. For example, you may wish to combine Psychological Studies with subjects like Criminology, Business, Sociology or Geography.

> Unlike MH106 and MH209, Psychological Studies in MH101 will not lead to a professionally-accredited degree. However, Psychological Studies graduates are eligible to apply for consideration for entry to a one-year master's postgraduate programme to achieve a professionally-accredited qualification in psychology (on a competitive basis - with limited numbers).

> Teaching is delivered by leading researchers in Psychology involved in the cutting-edge of the discipline. Staff in the Department of Psychology at Maynooth University are highly research active, and enjoy state-of-the-art research facilities and technical support.

> Research in the Department applies cutting-edge psychological science to address four complementary overlapping themes: Rehabilitation, disability and health psychology; Mental health, community and positive psychology; Neuroscience, behaviour and cognition; and Organisations, policy and systems.

After Graduation

> Psychological Studies graduates will be eligible to apply for consideration for entry to a one-year postgraduate programme to achieve a professionally-accredited qualification in Psychology. Entry to this programme is on a competitive basis.

> You will have acquired a range of key transferable, analytical and critical skills that will equip you for many roles in many different types of workplaces.

> You may wish also to pursue further postgraduate studies in cognate areas of social and behavioural sciences.

Contact Us

Maynooth University Department of Psychology,
John Hume Building

➤ www.maynoothuniversity.ie/psychology

You might also like

MH101 Course Structure

1st year	2nd year and Final year	
BA Bachelor of Arts – Psychological Studies – Double Major Psychological Studies and 1 other subject to degree level. > 15 credits of Psychological Studies > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Psychological Studies > Continue with 1 other subject from 1st year as part of a Double Major degree. Does not lead to a Psychological Society of Ireland (PSI) accredited degree, and further study would be required to attain PSI accreditation. See **After graduation** section for more details.	> Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Social Psychology, Cognitive Psychology and Individual Differences > Research Foundations of Psychology, Biological and Developmental Psychology	> Brain and Behaviour > Cognitive Psychology > Health Psychology > Lifespan and Developmental Psychology > Personality and Intelligence > Comparative and Evolutionary Psychology	> Mental Health > Social Psychology > Psychology of Learning > Criminal Psychology > Neuropsychology > Psychology of Language > Psychological Research Methods

Sociology (group 5 subject)

MH101 Points 2024: 307
For full details of MH101 minimum entry requirements see p. 30.

Subject Overview

> Sociology is the study of human social life, groups and societies which gives students the opportunity to develop critical skills and powers of argumentation based on empirical evidence, become creative thinkers, and engage in a constructive enterprise - oriented toward the promotion of equality and social justice.

> Sociology is a subject that opens the mind, connecting students' own lived experience to the wider social and economic context, and that offers the opportunity to engage in an empowering form of student-led learning.

> The Sociology Department is widely acknowledged as a leading national and international centre of teaching and research excellence, as well as an exemplar of public sociology and engagement. We seek to equip you with the necessary resources and skills – intellectual, methodological, communicative and active citizenship – to meet the challenges of our fast changing contemporary society and to contribute productively to social transformation.

> Sociology students have the opportunity to spend a year abroad, to go on staff-led field trips and to become actively involved in the Sociology and Politics Society in the MSU (Maynooth Students' Union).

After Graduation

> Studying Sociology opens our students up to personal change and development, and provides them with the necessary tools to successfully pursue diverse professional career paths.

> Sociology offers a pathway into a range of professions including advocacy, education, public relations, political activism, journalism, probation service, social work, social care, online community management and social/market research to name a few.

> Taking Politics and/or Sociology to degree level meets the Teaching Council degree subject requirement to teach Politics and Society at second level following a Professional Master of Education (PME).

> Some Sociology graduates continue in the discipline and undertake doctoral studies so they can become professional sociologists, social researchers, in-house researchers or analysts in large organisations, policy analysts or lecturers in third-level and further education institutions. The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Department of Sociology,
Level 2, TSI Building

↖ www.maynoothuniversity.ie/sociology/politics

You might also like

MH101 Course Structure

1st year	2nd year and Final year
BA Bachelor of Arts – Sociology – Double Major, Major/Minor or as a Minor Sociology and another subject to degree level. > 15 credits of Sociology > There is an option to take Sociology (group 5) with Politics (group 6) which would provide a 30 credit Sociology-Politics double subject > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group - see groups table p. 32)	> Sociology is taken with 1 of your 1st year subjects as part of a Double Major, a Major/Minor or as a Minor > Optional 10 credit Elective in 2nd year (see p.21 for details) **Erasmus/Study Abroad option after 2nd year**

Sample Modules

1st year	2nd year	Final year
> Contemporary Irish Society > The Sociological Imagination > Lectures are supplemented with a customised tutorial programme > Sociological Concepts/Global Ireland	> Classical Social Theory > Research Methods > Structures of Inequality > Optional modules include: Environmental Sociology, Media and Society, Social Worlds of Children, Northern Irish Society, Tourism, Social Movements	> Contemporary Social Theory > Optional modules include: Technology and Culture, Family, Sex Law and Society, Race and Ethnicity, Crime and Society, Gender > Final year students produce a BA research project - for samples please see our website

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8   ask on webchat   ask a student

Spanish (group 5 subject)

MH101 Points 2024: 307
Minimum entry requirements: While there is no minimum entry requirement to study non-beginner Spanish, we generally recommend H4 Leaving Certificate Spanish.
Beginners: no minimum Spanish requirement. For full details about entry requirements see p. 30.
If taking up Spanish as a beginner, it is advisable to attend all lectures from the first week of term.

Subject Overview

> Achieve a high level of competency in a world language and learn about Spanish and Latin American culture and society more generally in a friendly, supportive environment. As a student of Spanish, you will have a twin focus on language and culture. Through language classes and with supporting material such as film, literature and cultural events, you will aim to become a fluent speaker and writer of Spanish. You can study Spanish at non-beginner level (Leaving Certificate H4 in Spanish or equivalent recommended), or at beginner level (no minimum requirement).

> Over the course of your degree programme, you will receive an excellent grounding in all aspects of Spanish language through core modules in Spanish Language, complemented by a broad range of optional modules in areas such as Linguistics, Spanish Literature and Cinema, Latin American Literature and Cinema, Catalan and Portuguese.

> What distinguishes Spanish and Latin American Studies at Maynooth University is that we give students a thorough grounding in the language while introducing them to Spanish as a world language and cornerstone of many vibrant cultures.

> Students are expected to spend the third year of their BA studying in a university in Spain or Latin America. This is a unique opportunity and a "life-changing" experience, as any of our past students who have spent a year abroad can attest.

> Students interested in teaching Spanish should note that the Teaching Council of Ireland requires all registered teachers of Spanish to have spent some time living in a Spanish-speaking country. The Maynooth University School of Modern Languages, Literatures and Cultures advises at least a three-month residency.

> You also have the opportunity to work as a Teaching Assistant in Spain (subject to availability), which is a great asset to have on your CV. Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International.

After Graduation

> A degree in Spanish offers students enhanced employability in a wide range of careers - diplomatic service, development work with NGOs, education, publishing, working with EU and global institutions, translation and interpretation, international trade, communications and tourism.

> Multinational companies such as Google and Intel, many of whom have bases in Ireland, continually note the importance of finding graduates who are not only fluent in languages but who have the intercultural competence to deal with colleagues and customers in an increasingly globalised world.

> Some of our students go on to pursue postgraduate research in Spanish and Latin American Studies. We offer a range of postgraduate programmes, and are happy to supervise postgraduate research.

Contact Us

Maynooth University Spanish and Latin American Studies, School of Modern Languages, Literatures and Cultures, Rye Hall Block D
➤ www.maynoothuniversity.ie/spanish

MH101 Course Structure

1st year	2nd year and Final year	
BA Bachelor of Arts – Spanish – Double Major or as a Minor You will engage with a wide range of texts, learning to recognise and analyse key features. > Either 15 credits of Spanish (if you studied Spanish in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of Spanish (if you are a beginner) > Non-beginners are strongly recommended to take Language and Culture as a subject in 1st year and to select the modules on Spanish Language and Culture. This is especially important if you are hoping to keep on Spanish to degree level > Choose 2 or 3 other subjects, which may include Critical Skills, from the available groups (maximum 1 subject per group – see groups table p. 32)	> Spanish as a Double Major or as a Minor > Continue with 1 of your 1st year subjects > Optional 10 credit Elective in 2nd year (see p. 21 for details) > Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner Spanish	**Erasmus/Study Abroad option after 2nd year** All students of Spanish & Latin American Studies have the opportunity to spend the third year of their degree programme in a Spanish-speaking country. This might involve: > Studying at a university in Spain (Erasmus programme) > Assisting with English classes at a Spanish school (ELA programme - subject to availability) > Erasmus internship/placement (subject to availability) Students who avail of the Year Abroad can have this year recognised as part of their studies and thus convert their degree programme into a 4-year BA International.

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year		Final year
> Language from beginner or Leaving Certificate level (or equivalent) > Introduction to the culture of the Spanish-speaking countries	> Introduction to Spanish Literature > Latin American Short Story > Visual Worlds of Spain and Latin America > Language modules > Linguistics	> Catalan or Portuguese are also offered at beginner level > Crossing Boundaries: Preparation for the Year Abroad	> Spanish Literature > Latin American Literature > Linguistics > Translation > Students continue with their language modules > Continuing Catalan or Portuguese are also offered

Statistics (group 6 subject)

MH101 Points 2024: 307
Minimum entry requirements: recommended minimum O3/H7 Leaving Certificate Mathematics.
For full details about entry requirements see p. 30.

Subject Overview

> Statistics deals with the collection, analysis and interpretation of data.

> You will learn how to use statistical models and visualisation methods to unlock valuable information and hidden patterns in large volumes of data.

> A degree in Statistics will provide you with tools to address problems of critical importance to humans such as climate change, developing cancer drugs or managing traffic flows.

> Statistics as a Double Major subject can be combined with most other academic subjects in the Bachelor of Arts degree. This flexibility means you can combine your interest in aspects of society with knowledge of the statistical tools needed to understand data from those fields.

> Data recording is happening at unprecedented levels on local, national and global scales. The ability to transform data into usable knowledge is a highly sought-after and desirable skill in today's workforce, be it in business, science, health or social sciences. This subject will strongly enhance your employability.

After Graduation

> Graduates of a degree in Statistics are highly data literate and because of this are very much sought-after by employers. Critical thinking, being analytically focused and being adaptable to varying work environments are among the strong skills and traits of Statistics graduates that are attractive to employers. Graduates have a wide range of career options open to them, including employment in the civil service, industry and business, scientific research, medical research, environmental research, financial services and actuarial roles.

> Postgraduate study options at Maynooth University are also available.

Contact Us

Maynooth University Department of Mathematics and Statistics, Logic House

↳ www.maynoothuniversity.ie/mathematics-and-statistics

You might also like
Computer Science p. 40
BSc Data Science p. 142
BSc Quantitative Finance p. 83

MH101 Course Structure

1st year	2nd year	3rd year
BA Bachelor of Arts – Statistics Double Major or as a Minor > In year 1 of the BA Double Major programme, Statistics is taken with two or three other subjects. One of these subjects must be Mathematical Studies or Mathematics (Pure)	> Statistics is taken with one of your first year subjects. This subject can be, but does not have to be, Mathematical Studies or Mathematics (Pure) > Optional 10 credit Elective in 2nd year (see p. 21 for details) **Erasmus/Study Abroad option after 2nd year**	> Statistics can be taken as a Double Major or as a Minor subject. The second subject can be, but does not have to be, Mathematical Studies or Mathematics (Pure)

For MH101 subject groups table go to p. 32

Sample Modules

1st year	2nd year	Final year
> Introduction to Data Science 1 > Introduction to Data Science 2	> Data Analysis > Design and Analysis of Experiments > R for Statistics and Data Science > Nonparametric Statistics > Calculus > Linear Algebra	> Probability > Data Visualisation > Generalized Linear Models > Time Series > Bayesian Data Analysis

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"Maynooth University quickly became my home away from home. The friendly atmosphere and the amazing people made my experience unforgettable, and I formed lasting friendships during my time there.

Choosing the MH201 Bachelor of Science degree allowed me to keep my options open without having to decide immediately on a specialisation. In first year I chose Biology, Chemistry, Mathematics and Physics. The courses were incredibly engaging, and the lecturers were always encouraging and helpful. This supportive environment allowed me to focus, and understand what sciences I enjoyed most leading me to specialise in Chemistry and Biology during my final year.

The thorough education I received set me up perfectly for my career. After graduating, I began working at Wuxi Biologics as a manufacturing graduate. After a year, I decided to move to the QC Microbiology team as an analyst. The skills and knowledge I gained at Maynooth and in MH201 have proven invaluable, and have allowed me to find a job that I find interesting every day.

I would highly recommend the MH201 BSc degree at Maynooth University to anyone looking for a supportive and dynamic education and to those who are not yet sure about what area of science they would like to specialise in."

Rebecca Burke
MH201 BSc Bachelor of Science - Biology and Chemistry Graduate
QC Microbiology Associate Scientist at WuXi Biologics

THE MAYNOOTH BACHELOR OF SCIENCE DEGREE

CAO Code: MH201

CAO Points 2024: 350

Subjects available in the BSc degree:

Biology	70
Chemistry	71
Computer Science	72
Data Science[1]	73
Engineering Science	74
Experimental Physics	75
Mathematical Physics	76
Mathematics	77
Statistics[2]	78

[1] In Year 1
[2] From Year 2

MH201 Bachelor of Science Degree
CAO Code: **MH201** | CAO Points 2024: **350**

Places: 250
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate Minimum Entry Requirements:
2H5 & 4O6/H7, O6/H7 Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics or Physics with Chemistry) & O4/H7 Mathematics.

Why Maynooth University Science?

The Maynooth University Faculty of Science and Engineering is engaged in cutting-edge research in various scientific fields, with professors bringing their expertise into the classroom.

We take great pride in our warm and supportive campus community, which creates a positive learning environment where students can thrive academically and feel comfortable asking questions.

Our MH201 BSc Science programme goes beyond just teaching content – we focus on nurturing critical thinking, problem-solving, and effective communication skills, all of which are valuable for a wide range of careers.

The Faculty of Science and Engineering at Maynooth University comprises the following departments:

1. **The Department of Biology**
2. **The Department of Chemistry**
3. **The Department of Computer Science**
4. **The Department of Electronic Engineering**
5. **The Department of Mathematics and Statistics**
6. **The Department of Physics**
7. **The Department of Psychology**

All Faculty of Science and Engineering departments are involved in a diverse range of interesting and dynamic research areas. Visit the departments' webpages for more detail and read the pages that follow for MH201 subject information relating to each department.

Why MH201 Bachelor of Science Degree?

> MH201 BSc Science is the most sought-after degree in the Faculty of Science and Engineering at Maynooth University.

> It is the perfect choice for those who are curious about the natural world and want to understand how it operates from the smallest atom to the vastness of space.

> This degree is ideal for students interested in multiple areas of science and who want the flexibility to explore their interests before specialising.

> MH201 BSc Science will equip you with valuable skills that go beyond specific scientific knowledge. You will hone your critical thinking, problem-solving, and analytical abilities. You will learn to communicate complex ideas effectively, both in writing and verbally. These skills are highly sought after by employers in various fields, making it a versatile and rewarding choice.

> Transitioning into MH201 - Orientation/Welcome Week September 2025 and ongoing supports:

> > Orientation/Welcome Week is designed to help our new students to seamlessly transition into university life. You will find yourself quickly immersed in the vibrant Maynooth University campus community and in your new Bachelor of Science degree. Our experienced staff will be on hand to provide advice and support throughout the year at our award-winning Maths Support Centre and our dedicated Computer Science Centre.

Structure of the Maynooth Bachelor of Science Degree

> Four subjects in 1st year, one of which is Mathematics. Students choose their three other science subjects from the seven remaining subjects - listed on p. 69.

> No decision about subject choice is necessary until four weeks after commencement of 1st year. This gives you a chance to sample various subjects and make an informed decision.

> 2nd year - continuing with three of your 1st year subjects or take an Elective or Critical Skills (for more about Electives and Critical Skills see page 21).

> 3rd year - continue with two subjects.

> 4th year - continue with one or two subjects.

MH201 offers potential transfer opportunities into other degrees which are outlined together with the transfer criteria on the following page.

Career pathways for MH201 graduates:

Depending on the subjects chosen (and potential further specialisation), roles for MH201 graduates include, but are not limited to:

> Immunologist
> Meteorologist
> Biomedical Engineer
> Cosmologists
> Genetic Specialist
> Data Scientist
> Science Educator
> Global Health Specialist
> Zoologist
> Botanist

> Chemist
> Computer Scientist
> Cryptographer
> Statistician
> Environmentalist
> Astrophysicist
> Physicist
> Medical Physician
> Mathematician
> Science Communications

Contact us

Maynooth University Admissions and Student Recruitment Office

An Oifig Iontrála agus Earcaíochta Mac Léinn, Ollscoil Mhá Nuad

📞 + 353 1 708 3822
✉ admissions@mu.ie
➤ www.mu.ie/level8

[f] [Instagram] [YouTube] [TikTok] **@MaynoothCAO** [ask] **on webchat** [masks] **ask a student**

You might also like

We offer a range of specialised computing, engineering and science degrees. See sections 4, 6 & 9.

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 [ask] **on webchat** [masks] **ask a student**

MH201 Bachelor of Science Degree
(continued)

MH201 Course Structure

1st year	2nd year	3rd year	Final year Double Major	OR	Final year Single Major
> Mathematics (required in 1st year) > Plus choose three subjects from: > Biology > Chemistry > Computer Science > Data Science[7] > Engineering Science[6] > Experimental Physics > Mathematical Physics	Continue with 3 of the 4 subjects taken in 1st year > Biology > Chemistry > Computer Science[1] > Engineering Science[6] > Experimental Physics > Mathematical Physics > Mathematics > Statistics[4] > **Option to choose 10 credits of Critical Skills or a 10 credit Elective (see p. 21 for details)**	Continue with 2 of the 3 subjects taken in 2nd year > Biology > Chemistry[3] > Computer Science[2] > Engineering Science[6] > Experimental Physics > Mathematical Physics[3] > Mathematics (Applied) > Mathematics (Pure) > Statistics[4 5]	Double Major: continue with your two subjects taken in third year > Biology > Chemistry[3] > Computer Science[2] > Engineering Science[6] > Experimental Physics > Mathematical Physics[3] > Mathematics (Applied) > Mathematics (Pure) > Statistics[4 5]		Single Major: continue with one of the two subjects taken in third year > Biology > Chemistry[3] > Computer Science[2] > Engineering Science[6] > Experimental Physics > Mathematical Physics[3] > Mathematics (Applied) > Mathematics (Pure)

The Maynooth Education

Possible topics

1st year	2nd year	For module details see the subject pages
Four weeks to decide on subject choice. During Orientation students will have the opportunity to learn about more about subject selection within MH201.	Option to choose 10 credits of Critical Skills or 10 credits of an Elective (see p. 21 for details)	

Transfer opportunities into specialised degrees from MH201

1st year	2nd year specialised degree	Requirements for eligibility to transfer - having successfully completed 1st year MH201
MH201 BSc Bachelor of Science Degree	MH202 BSc Biotechnology	Students must take Biology, Chemistry and Maths plus 1 other available 1st year subject. Students must achieve an overall grade of 60%. Places are limited and are based on results.
	MH204 BSc Astrophysics	Students attaining 60% in Experimental Physics and 60% in either Mathematics or Mathematical Physics in 1st year of MH201 may apply to transfer into 2nd year of MH204. Places are limited and are based on results.
	MH207 BSc Data Science	Students must take Computer Science/Mathematics/Data Science plus 1 other available 1st year subject. Students must pass the year and achieve an overall grade of 55% or greater in Mathematics in their 1st year science examination.
	MH208 BSc Biological and Biomedical Sciences	Students must take Biology, Mathematics plus 2 other available subjects. Transfer is based on Leaving Certificate performance and 1st year university results. Places are limited.
	MH210 BSc Pharmaceutical and Biomedical Chemistry	Students must take Mathematics, Biology, Chemistry plus 1 other available 1st year subject. Students must achieve an overall grade of 60%. Places are limited and are based on results.
	MH212 SED BSc Science (with Education)	Students must take Mathematics, Biology, Chemistry and Experimental Physics. Up to 2 places each year may become available in MH212 for students successfully completing their first year of MH201. Availability and selection will be on the basis of first year results and dependent on programme capacity.
	MH212 MCS BSc Computer Science and Mathematics (with Education)	Students must take Mathematics and Computer Science plus 2 available 1st year subjects. Up to 2 places each year may become available in MH212 for students successfully completing their first year of MH201. Availability and selection will be on the basis of first year results and dependent on programme capacity.
	MH212 MED BSc Mathematics (with Education)	Students must take Mathematics, Mathematical Physics plus 2 other available 1st year subjects. Up to 2 places each year may become available in MH212 for students successfully completing their first year of MH201. Availability and selection will be on the basis of first year results and dependent on programme capacity.
	MH304 BE Electronic Engineering	MH201 Engineering Science to 2nd year MH304 BE Electronic Engineering for students who have taken Engineering Science, Computer Science, Mathematics and one other subject. Subject to attaining 50% or more in Mathematics and passing 1st year. Subject to availability of places.
	MH602 BSc Computer Science & Software Engineering (through Science)	Students must take 22.5 credits of Computer Science (including CS172), Mathematics plus one other available subject. There is no limit on places.
	MH602 BSc Multimedia, Mobile and Web Development (through Science)	Students must take 22.5 credits of Computer Science, (including CS172), Mathematics plus one other available subject. There is no limit on places.

[1] Students taking Computer Science in second year must also take Mathematics.

[2] Students intending to take Computer Science as a Single Major degree must take Mathematics (Pure) or Mathematics (Applied) in third year.

[3] Chemistry and Mathematical Physics cannot be taken together in third or fourth year.

[4] Statistics may not be taken with Mathematical Physics in any year, or with Chemistry in third and fourth year. Students taking Statistics must also take Mathematics in second year.

[5] Statistics can be, but does not have to be, combined with Mathematics in third and fourth year.

[6] Engineering Science cannot be taken with Biology. Students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science.

[7] Data Science cannot be combined with Mathematical Physics. Students taking Data Science in first year can follow on with Statistics in second year, provided they get 55% in first year Mathematics. However, Data Science in first year is not a requirement for taking Statistics in second year.

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Biology

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Biology is the study of life - everything from the tiniest microbe to entire ecosystems that spread across the planet. It encompasses all aspects of living things including their structure, function, growth, origin, evolution, distribution and interactions with the environment. There are many "umbrella" fields of biology including:

- **Biochemistry:** the study of molecules and of chemical processes in living organisms.
- **Cellular biology:** the study of the cellular units of living things.
- **Ecology:** the study of how organisms interact with/in their environment.
- **Evolutionary biology:** the study of the origins and changes in the diversity of life over time.
- **Genetics:** the study of genetic inheritance.
- **Immunology:** the study of the immune system and how organisms defend themselves against microbes and disease.
- **Microbiology:** the study of bacteria, fungi and viruses, as well as communities of microorganisms (microbiomes).
- **Molecular biology:** the study of biological molecules.
- **Plant Science:** the study of plants, including applications to crops.
- **Physiology:** the study of the functions of organisms and their parts.
- **Zoology:** the study of animals, including animal behaviour.

> Many of these fields overlap, for example, to study animals (zoology) it is also important to know about evolution, physiology and ecology. To study cellular biology, it is important to know about biochemistry and molecular biology as well.

> The Biology Department is unique in the university system in Ireland because it houses several biological disciplines together. This means that most aspects of biology are taught alongside each other throughout the degree programmes. This allows students to establish links between different areas of biology and gives students an integrated and comprehensive view of biology, from cells to ecosystems. Over the years, undergraduate students are exposed to a wide range of biological disciplines, and are given the opportunity to focus on their chosen area of interest in 4th year (for example, immunology, or ecology, or microbiology).

> Our researchers have excellent national and international reputations in biochemistry, biodiversity, bioinformatics, ecology, immunology, microbiology, molecular biology, molecular genetics, plant science and proteomics.

> Students may have the opportunity to move from MH201 into a related specialised degree after 1st year. See p. 69 for details

After Graduation

> Students graduating with a Biology Major (or double major with another subject) have found careers in the agri-food and drinks sector and in pharmaceutical industries (particularly if Chemistry is taken as a second subject). Our graduates have secured employment in the conservation services, agricultural services, and research in environment and medical areas.

> A Biology Major also provides strong foundations for careers in areas such as education, forensic science, health services, scientific research and science writing.

> The Biology Department offers a range of postgraduate study options, including Masters degrees (MSc) in Biology (research) and Immunology & Global Health (taught) and doctoral degrees (PhD) in Biology.

Contact Us

Maynooth University Department of Biology,
Callan Building

➤ www.maynoothuniversity.ie/biology

Biology is also available in

BSc Biotechnology p. 138

BSc Biological & Geographical Sciences p. 139

BSc Physics with Astrophysics p. 140

BSc Biological and Biomedical Sciences p. 143

BSc Pharmaceutical and Biomedical Chemistry p. 145

BSc Science (with Education) p. 146

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Biology > Mathematics > 2 other Science subjects (Chemistry, Computer Science [15 or 30 credits], Data Science, Experimental Physics, Mathematical Physics). See p. 69 for full details about subject combination limits in MH201.	> Biology > Continue with 2 of your 1st year subjects > Optional 10 credit Elective or Critical Skills available in 2nd year (see p. 21 for details)	> Biology > Continue with 1 of your 2nd year subjects	> Biology may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

Sample Modules

1st year	2nd year	3rd year	Final year
> From Cell to Organism > Biological Function and Diversity	> Biochemistry > Animal Physiology > Evolutionary Biology > Molecular Biology of the Cell	> Immunology > Ecology > Microbiology > Molecular Biology > Plant Biology or Bioinformatics	Choose from an extensive range of topics, such as > Advanced Immunology / Tumour Biology / Medical Mycology / Antibiotics / Clinical Proteomics / Human Nutrition & Metabolic Disease / Plant Biotechnology / Molecular Ecology and Biogeography. > Option of either a lab-based or literature-based research project.

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

Chemistry

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> MH201 provides an excellent education in all the major branches of Chemistry, where topics ranging from fundamentals to the frontiers of modern Chemistry are covered.

> In the early years, in addition to the core Chemistry modules, there is a flexible curriculum to suit personal interests, allowing courses and modules in other sciences, Critical Skills or an Elective to be combined with the core Chemistry content (Critical Skills/Elective option in 2nd year only).

> There is scope for some specialisation, through appropriate choice of modules in the fourth year. In fourth year, students have the opportunity to undertake a Single Major or Double Major degree, as well as direct experience of research through an in-depth individual research project.

> The Department of Chemistry at Maynooth University offers state-of-the-art facilities and high standards in both teaching and research, which ensures a highly supportive learning environment, as well as a personal supervisor to oversee an in-depth final year research project.

> In addition to becoming an expert in chemical science, students develop skills in problem-solving, critical thinking, communication, and scientific writing. These highly valued transferable skills means graduates are well-prepared for a range of careers and employment opportunities in chemistry and non-chemistry disciplines.

> Potential to move from MH201 into a related specialised degree after 1st year. See p. 69 for details.

After Graduation

> The pharma-chemical industry in Ireland employs more than 26,000 people directly and produces over €100bn in annual exports. Chemists work in pharmaceutical and biotechnology companies, agrochemical firms, semiconductor manufacturers and manufacturers of detergents, paints and cosmetics.

> Employment in the business and financial sectors, the food sector, the government e.g. forensic science, journalism and the health services.

> Postgraduate study options include: Research MSc and PhD in Chemistry.

Contact Us

Maynooth University Department of Chemistry,
Science Building

➤ www.maynoothuniversity.ie/chemistry

Chemistry is also available in

BSc Biotechnology p. 138

BSc Physics with Astrophysics p. 140

BSc Biological and Biomedical Sciences p. 143

BSc Pharmaceutical and Biomedical Chemistry p. 145

BSc Science (with Education) p. 146

BSc Food Science and Human Nutrition p. 148

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Chemistry > Mathematics > Choose 2 other Science subjects (Biology, Computer Science [15 or 30 credits], Data Science, Engineering Science, Experimental Physics, Mathematical Physics. Chemistry may not be taken with Mathematical Physics or Statistics in 3rd or 4th year). See p. 69 for full details about subject combination limits in MH201.	> Continue with Chemistry plus 2 of your 1st year subjects > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details)	> Continue with Chemistry plus 1 of your 2nd year subjects	> Chemistry may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

Sample Modules

1st year	2nd year	3rd year	Final year
> General Chemistry	> Organic Chemistry > Spectroscopy and Analytical Chemistry > Physical Chemistry > Co-ordination Chemistry and s-Block Groups	> Analytical Techniques > Heterocyclic, Carbohydrate and Peptide Chemistry > Solid State and p-Block Chemistry > Thermodynamics and Group Theory > Organic Chemistry	> Project > Sustainable and Environmental Chemistry > Materials Chemistry > Bioinorganic and "F" Block Chemistry > Catalytic and Stereoselective Organic Chemistry

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Computer Science

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Computer Science at Maynooth University is the study of the principles and use of computers and software.

> Advanced topics such as computer vision, theoretical computer science, robotics, cryptography and artificial intelligence may be studied, depending on the pathway students take.

> Students enjoy the huge benefit of studying other science subjects with Computer Science in first year. This lends graduates a wider frame of reference. There is a wide variety of options after first year.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub, which opened in 2015. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

> Students who take 22.5 credits of Computer Science in first year, and pass first year, can transfer to MH602 CSS BSc Computer Science & Software Engineering or MH602 MWS BSc Multimedia, Mobile & Web Development. See p. 69 for details.

After Graduation

> Graphical interface design, medical imaging, video-based information systems, multimedia/web development, electronic publishing, computer assisted translation, e-learning systems development, games development, software development.

> Non-computing industries: financial services, business and administration, health services, and the automobile and aeronautics sectors. The broad choice of subjects to choose from in first year helps prepare students for a wider array of jobs upon graduation.

> Computer Science is a teaching subject at second level and therefore a career in education may also be possible following further postgraduate study.

> Postgraduate study options currently include: MSc Computer Science (Software Engineering) / MSc in Data Science and Analytics / Professional Master of Education (Second Level Teaching) / MSc or PhD Computer Science (by research).

Contact Us

Maynooth University Department of Computer Science, Eolas Building

↖ www.maynoothuniversity.ie/computer-science

Computer Science is also available in

BSc Computer Science and Software Engineering (through Science) p. 102

BSc Multimedia, Mobile and Web Development (through Science) p. 103

BSc Computational Thinking p. 104

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Either 15 or 30 credits of Computer Science is taken with Mathematics > Plus choose 1 or 2 other Science subjects (Biology or Engineering Science, Chemistry, Data Science, Experimental Physics, Mathematical Physics). See p. 69 for full details about subject combination limits in MH201.	> Computer Science, Mathematics (Mathematics must be taken with Computer Science in 2nd year) > Continue with 1 of your other 1st year subjects > Optional 10 credit Elective or Critical Skills in 2nd year, (see p. 21 for details) Or you may transfer into the specialised degree MH602 if you have taken at least 22.5 credits of Computer Science, including the module CS172, in 1st year.	> Computer Science > Plus continue with 1 other subject from 2nd year	> Computer Science may be taken as a Single Major or as a Double Major with the other 3rd year subject > Students intending to take a Single Major degree must take Mathematics (Pure) or Mathematics (Applied) in 3rd year

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to programming, computer systems and computer science theory	> Algorithms & Data Structures > Databases > Operating Systems	> Computer Architecture > Software Engineering > Introduction to UX, (UI) and Interaction Design > Networks > Web Information Processing > Computation & Complexity	> Theory of Computation > Programming Language Semantics > Final Year Project > Choice of CS topics

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Data Science

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Data Science is the science of collating, managing, analysing, visualising and understanding data. It is key to unlocking the hidden wisdom that is stored in the vast amounts of data available in today's world.

> In MH201, students have the opportunity to study Data Science as a subject in first year - introducing students to the basics of how to manipulate, visualise and 'bring to life' large volumes of data. The hands on data experience that is gained in first year Data Science will be invaluable to any scientist, whether they plan to pursue the life sciences (e.g. Biology), the physical sciences (e.g. Experimental Physics) or are more interested in the highly quantitative sciences (e.g. Statistics, Mathematics, Computer Science).

> Are you considering taking Statistics as a subject (available in MH201 from second year) to degree level? If so, taking Data Science in first year is strongly recommended. Taking Data Science in first year gives students the chance to try out the practical side of analysing and visualising data, while taking Statistics from second year gives students a deeper understanding of modelling and analysis techniques.

> Are you choosing Computer Science in first year and considering taking it through to degree level? If so, Data Science in first year is highly complementary to first year Computer Science: these subjects combine the hands on practical side of working with data that students get in first year Data Science with the more rigorous programming and database skills that they learn in first year Computer Science.

After Graduation

> Data science graduates pursue careers with a wide range of organisations such as multinationals, financial services, and professional services companies. Some related roles in data science include data scientist, business intelligence analyst, customer insight lead, risk analyst, knowledge engineer, and data programmer.

Contact Us

Maynooth University Department
of Mathematics and Statistics, Logic House

↱ www.maynoothuniversity.ie/mathematics-and-statistics

MH201 Course Structure

1st year	2nd year		
> In the BSc programme, you take Mathematics and Data Science with two other subjects except Mathematical Physics. See p. 69 for full details about subject combination limits in MH201.	> Data Science is a year 1 subject only, but in year 2 students can take Mathematics, either of their other year 1 subjects or Statistics (which begins as a subject in year 2). Students who enjoyed and excelled in Data Science in year 1 are recommended to take Statistics and Mathematics in year 2	> Statistics – see p. 78 for details and entry requirements – MH201 Statistics > Mathematics – see p. 77 for details – MH201 Mathematics > Optional 10 credit Elective or Critical Skills in 2nd year, (see p. 21 for details)	> Students who have taken Mathematics, Data Science and Computer Science in year 1 may be considered for transfer entry into year 2 of MH207 Data Science (subject to entry requirements) – see p. 69

Sample MH201 subject choice pathways that include Data Science/Statistics

1st year	2nd year	3rd year	Final year
> Mathematics, Data Science, Biology, Computer Science > Mathematics, Data Science, Experimental Physics, Computer Science	> Mathematics, Statistics, Computer Science > Mathematics, Statistics, Biology > Mathematics, Computer Science, Experimental Physics	> Statistics, Computer Science > Statistics, Biology > Statistics, Mathematics (Pure or Applied)	> Statistics, Computer Science > Biology > Statistics, Mathematics (Pure or Applied)

Sample Modules

1st year	
> Introduction to Data Science 1 > Introduction to Data Science 2	> Please see Statistics on p. 78 for possible follow on topics

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Engineering Science

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Electronic Engineering and Engineering Science are at the forefront of technological change - developing the newest phones, computers, toys, robots and cars. One of the newest areas for electronic engineers is the space where software and hardware meet.

> Through our research programmes, Electronic Engineering at Maynooth has developed world-class expertise in the area of mobile communications, biomedical diagnostics and technologies, and the intelligent control of large machines such as Robots or wave machines.

> Each of these areas is matched to rapidly growing industries and excellent job opportunities. By bringing this deep knowledge to all the undergraduate programmes, we provide our graduates with a world-class electronic engineering education but also a head start in these exciting and important areas.

> Potential transfer opportunity having completed 1st year MH201 Engineering Science to 2nd year MH304 BE Electronic Engineering for students who have taken Engineering Science, Computer Science, Mathematics and one other subject. Subject to attaining 50% or more in Mathematics and passing 1st year. Subject to availability of places.

After Graduation

> Graduates of this degree will come with a strong background in software and electronic systems, skills that are in high demand throughout the ICT sector in Ireland and internationally. Students who take a Computer Science and Engineering Science combination will have particular strength when seeking opportunities in companies which require a close fusion of hardware and software systems – such as robotics or highly integrated devices (such as engine management, digitally controlled products).

> Those taking another science subject can access careers in companies looking at sensing and monitoring – in the medical, biological and environmental sectors.

Contact Us

Maynooth University Department of Electronic Engineering, Engineering and Biosciences Building

↖ www.maynoothuniversity.ie/electronic-engineering

Engineering is also available in

BE Electronic Engineering p. 114

BSc Robotics and Intelligent Devices p. 115

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Engineering Science is taken with Mathematics, Computer Science (15 or 30 credits) and 1 other Science subject from Chemistry, Data Science, Experimental Physics, Mathematical Physics. See p. 69 for full details about subject combination limits in MH201.	> Students take Engineering Science, Mathematics and another subject. > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details) > Transfer pathway: 1st year MH201 Engineering Science to 2nd year MH304 BE Electronic Engineering for students who have passed first year taking Engineering Science, Computer Science, Mathematics and one other subject. Subject to attaining 50% or more in Mathematics in their 1st sitting of 1st year exams. Subject to availability of places.	> Continue with 2 of your science subjects	> You choose between Engineering Science as a (i) Single Major or (ii) Double Major degree > Available Science subjects in conjunction with Engineering Science: Mathematics, Chemistry, Computer Science, Experimental Physics, Mathematical Physics or Statistics

Sample Modules

Students cover Electronic Engineering fundamentals, Systems, Signals and Control along with other topics with Project based learning in final two years.

1st year	3rd year	Final year Double Major	OR Final year Single Major
> Electronic Engineering Fundamentals > Introduction to Systems & Control	> Analogue Electronics > Signals & Systems > Realtime and Embedded Systems > Object-Oriented Systems > System Dynamics > Analogue Electronics Project	> Analogue Electronics > Digital Signal Processing > Electromagnetic Fields and Machines > Control Systems > Engineering Design Project (10 credits)	> Computation and Simulation > Digital Signal Processing > Electromagnetic Fields and Machines > Control Systems > Unconstrained Optimisation > Computer Control Systems > RF Circuits & Systems > ASIC Design with Verilog > Final Year Project (20 credits)
2nd year			
> Computing for Engineers > Digital Systems > Electric Circuits			

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Experimental Physics

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Physics deals with understanding the nature of concepts such as motion, forces, energy, matter, electricity, heat, sound and light. Often a distinction is made between classical physics - which includes classical mechanics, acoustics, optics, thermodynamics, and electromagnetism - and modern physics - which is the physics of matter on a very small scale or under extreme conditions, and includes quantum physics, atomic and nuclear physics, solid state physics and elementary particle physics.

> Physics is relevant to many other sciences, such as astronomy, biology, and geology. The combinations of these fields are called astrophysics, biophysics, and geophysics. As a science, physics has always been regarded as a fundamental area of human knowledge, which is evidenced by its high profile in the media and general level of human interest.

> Field trips and scientific visits are organised to other facilities such as L'Observatoire d'Haute Provence (France), the European Space Agency (the Netherlands), Jodrell Bank (UK), St. Luke's Hospital, Dublin and Armagh Observatory.

> The University has a long tradition of excellence in Experimental Physics; the inventor of the induction coil, Nicholas Callan, was Professor of Experimental Physics here from 1826 to 1864.

> We offer a broad and exciting curriculum in a vibrant learning environment as part of our four-year degree programmes in Experimental Physics (BSc Single Major and Double Major) and a BSc in Physics with Astrophysics (MH204). Our facilities are first class and include state-of-the-art laboratories, an observatory with a computerised Meade telescope, an atmospheric physics facility and radio and cosmic ray telescopes.

After Graduation

> Graduates from the Department have progressed to roles at Met Éireann, St. Luke's Hospital Dublin, the European Space Agency, NASA, Caltech, Intel, Hewlett Packard and the Jet Propulsion Laboratory, to name but a few.

> Physicists can find challenging and rewarding careers in fields such as medical physics, computational physics, forensic science, meteorology, astrophysics, environmental and atmospheric physics. Physics graduates may also consider careers in areas such as computing, electronics, telecommunications, semiconductor industry, banking, finance and management.

> Students who do sufficiently well are eligible to undertake research for an MSc or PhD degree. We have an impressive research record in astronomy, astronomical instrumentation and space science, atmospheric and environmental physics, atomic and molecular physics, imaging with THz radiation and fluid dynamics.

Contact Us

Maynooth University Department of Physics,
Science Building

➤ www.maynoothuniversity.ie/physics

Experimental Physics is also available in

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Experimental Physics > Mathematics > Plus choose 2 other Science subjects (Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Data Science, Mathematical Physics). Students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science. See p. 69 for full details about subject combination limits in MH201.	> Experimental Physics > Continue with 2 of your 1st year subjects > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details) **OR** > Potential to move from MH201 into a related specialised degree. See p. 69 for details.	> Experimental Physics > Continue with 1 of your 2nd year subjects	> Experimental Physics may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to Classical Physics: Mechanics, Physics of Heat, Electromagnetism and Optics > Introduction to Atomic, Molecular and Nuclear Physics > Introduction to Astrophysics: Solar System, Stars and Galaxies	> Electricity and Magnetism > Physical Optics and Lasers > Mechanics and Thermal Physics > Quantum Physics	> Celestial Mechanics and Relativity > Electronics > Quantum Mechanics > Applied Electromagnetics > Thermodynamics and Statistical Mechanics > Introduction to Computational Physics	> Nuclear, Radiation and Particle Physics > Computational Optics > Electromagnetic Radiation > Physics of Atoms and Quanta > Solid State Physics > Device Physics > Individual Project

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Mathematical Physics

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Mathematical physics, or theoretical physics, is the study of the fundamental laws of nature that govern our existence; from the interactions of quarks and gluons through the properties of metals and the aerodynamics of flight, to the evolution of stars and galaxies.

> Many of the technologies we now take for granted have their origins in fundamental physics research, including PET scanners, lasers, Wi-Fi and the world wide web.

> Mathematical methods developed in mathematical physics have found their way to a wide range of applications, from financial markets and computer science to genetics and brain studies.

> The study of Mathematical Physics at Maynooth University has a long and distinguished tradition, of over 200 years. Modern theoretical physics and applied mathematics are exciting and dynamic and that excitement is reflected in the research projects which are pursued in the Department.

> As well as being introduced to the major ideas and developments in theoretical physics and applied mathematics, you will be equipped with the tools to meet current and future developments in science, engineering, finance and other technologies of the future.

> Potential to move from MH201 into a related specialised degree after 1st year. See p. 69 for details.

> If students achieve at least 70% in both subjects and an 80% average across both Mathematical Physics and Mathematics in first year, they may choose to specialise in Mathematical Physics and Pure Mathematics from second year, following the course structure of MH206 Theoretical Physics and Mathematics.

After Graduation

> Physics and mathematical science graduates with analytical and problem-solving skills are in high demand in our technology and data driven society.

> Your career options include research and development, computing and software engineering, electronics, telecommunications, semiconductors, banking, finance, management and teaching.

> Entry into research is also an option, including multi-disciplinary fields such as nanotechnology, biophysics, financial mathematics or medical physics.

> The Department of Physics offers a range of postgraduate study options including an MSc in Theoretical Physics and Mathematics.

Contact Us

Maynooth University Department of Physics
Science Building
➤ www.maynoothuniversity.ie/physics

Mathematical Physics is also available in

Mathematical Physics in the Bachelor of Arts degree - see section 1
BSc Theoretical Physics and Mathematics p. 141
BSc Mathematics (with Education) p. 146

MH201 Course Structure

1st year	2nd year	3rd year	Final year
> Mathematical Physics > Mathematics > Choose 2 other Science subjects (Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Experimental Physics). Mathematical Physics cannot be taken with Chemistry in 3rd or 4th year. Students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science. See p. 69 for full details about subject combination limits in MH201.	> Mathematical Physics > Choose 2 of your 1st year subjects or > Mathematical Physics and Mathematics (Pure) only (subject to performance in 1st year - see above for details) > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details)	> Mathematical Physics > Choose 1 of your 2nd year subjects	> Mathematical Physics may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

Sample Modules

1st year	2nd year	3rd year	Final year
> Space-time > Force > Newton's laws > Quantum physics > Einstein's special theory of relativity > Angular momentum > Conservation laws	> Vector calculus > Statistical and thermal physics > Electricity and magnetism > Vibrations and waves	> Mechanics of Lagrange and Hamilton > Quantum mechanics > Special relativity > Computational physics > Ordinary differential equations	> Statistical mechanics > Physical Cosmology > Particle Physics > General relativity > Partial differential equations > Fluid mechanics > Quantum information processing > Condensed matter theory

Topics listed are subject to change; individual modules may not be offered in a particular year.

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Mathematics

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> The academic staff in the Department of Mathematics and Statistics have a diverse range of research interests in areas including algebra, analysis, data analysis, dynamics, geometry, number theory, statistical modelling and topology. The Department offers multiple programmes to suit a range of Mathematical backgrounds, from the intensive Pure Mathematics programmes which are aimed at students with a strong interest in abstract mathematics and a flair for analytical reasoning to the more applied programmes which appeal to students who enjoy the more concrete areas of the subject.

> Mathematics is the logical and abstract study of pattern. It involves an interplay between the concrete and the abstract: the ever-changing world around us is one of the key inspirations for the invention and investigation of abstract mathematics, and the discoveries of abstract mathematics have important and unexpected applications in the world around us.

> Our Mathematics degrees aim to bridge the gap between school Mathematics and current frontiers of knowledge. Students learn to think hard and rigorously about questions and to solve new problems – invaluable skills that can be transferred to any area of life and any future job.

> In the four-year MH201 degree, students can take Mathematics as a subject in the first two years, and then choose between Mathematics (Applied) and Mathematics (Pure) at the beginning of third year.

> Potential to move from MH201 into a related specialised degree after 1st year. See p. 69 for details.

After Graduation

> Well-trained mathematicians are always in demand. A degree in Mathematics (Pure or Applied) from Maynooth University not only provides specialist knowledge, it also trains graduates to think logically and clearly.

> A degree in a mathematical discipline opens the door to jobs in a variety of fields such as finance and banking, insurance, the civil service, teaching, industrial and commercial management, administration and technical, scientific and engineering work in industry and in research and development, trading, information technology, education and data analysis.

> The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Department of Mathematics and Statistics, Logic House

www.maynoothuniversity.ie/mathematics-and-statistics

Mathematics (Pure) is also available in

The Bachelor of Arts degree - see section 1
BSc Theoretical Physics and Mathematics p. 141

Mathematics (Applied) is also available in

BSc Science (with Education) or BSc Mathematics (with Education) - see section 9

Mathematical Studies is available in

The Bachelor of Arts degree - see section 1

MH201 Course Structure

1st year	2nd year	Final year
> Mathematics and 3 other Science subjects (choose from Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Data Science, Experimental Physics & Mathematical Physics). Students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science. See p. 69 for full details about subject combination limits in MH201.	> Mathematics and 2 other subjects > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details) **3rd year** > Mathematics (Pure) or Mathematics (Applied) and 1 other subject studied in 2nd year	> Mathematics (Pure) or Mathematics (Applied) is taken as a Single Major or as a Double Major taking Mathematics (Pure) or Mathematics (Applied) and your 3rd year subject. Available Science subjects: Biology, Chemistry, Computer Science, Engineering Science, Experimental Physics, Mathematical Physics and Statistics as a Double Major in 3rd and 4th year.

Sample Modules

1st year	2nd year	3rd year	Final year
> Calculus > Linear Algebra	> Calculus > Linear Algebra > Statistics	> **Mathematics (Applied):** Differential Equations, Complex Analysis, Number Theory, Cryptography, Coding Theory, Operations Research > **Mathematics (Pure):** Real Analysis, Complex Analysis, Metric Spaces, Group Theory, Rings and Fields	> **Mathematics (Applied):** Graph Theory, Numerical Analysis, Geometry, Group Theory > **Mathematics (Pure):** Topology, Galois Theory, Number Theory, Differential Geometry

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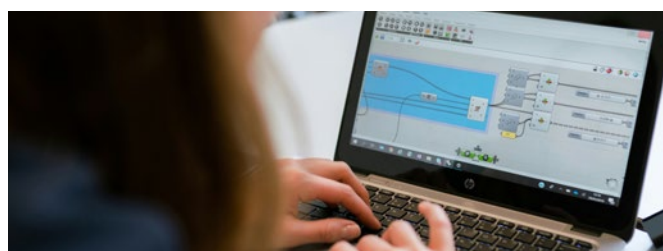
Statistics

MH201 Points 2024: 350

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 68.

Subject Overview

> Statistics deals with the collection, analysis and interpretation of data.

> Students learn how to use statistical models and visualisation methods to unlock valuable information and hidden patterns in large volumes of data.

> A degree in Statistics provides students with tools to address problems of critical importance to humans such as climate change, drone analytics, biodiversity loss or designing medical products.

> Statistics is available as a subject from second to fourth year. Interested students are recommended to take Data Science as a subject in first year. Statistics is offered as a Double Major subject to degree level which can be combined with several other subjects in the Bachelor of Science degree. This flexibility means students can easily combine other scientific interests with Statistics.

After Graduation

> Complex and voluminous data arises in all aspects of science. The ability to transform data into usable scientific knowledge is a highly sought-after and desirable skill in today's workforce and in almost all scientific research areas. Studying Statistics through to degree level, or for a portion of the degree, will strongly enhance the student's employability and skill-set as a scientist.

> Critical thinking, an ability to analyse big data and being adaptable to various work environments are among the strong skills and traits of Statistics graduates.

> Graduates have a range of career options open to them, including employment in the civil service, industry and business, scientific research, medical research, environmental research, financial services and actuarial roles.

> Postgraduate study is also possible and the Department offers a range of options.

Contact Us

Maynooth University Department of Mathematics and Statistics, Logic House

➤ www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

Statistics in the Bachelor of Arts degree p. 65

BSc Data Science p. 142

BSc Quantitative Finance p. 83

MH201 Course Structure

1st year	2nd year	3rd year	Final year
Statistics begins as a subject in year 2. In year 1 of the BSc Double Major programme, you take Mathematics with two or three other subjects. Students interested in Statistics from year 2 are strongly recommended to take Data Science as one of their subjects in year 1. See p. 69 for full details about subject combination limits in MH201.	In the BSc Double Major programme, you take Statistics, Mathematics and one other subject. > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details) Statistics cannot be combined with Mathematical Physics in year 2.	Statistics is taken in 3rd year along with 1 of your 2nd year subjects; the second subject can be, but does not have to be, Mathematics (Applied or Pure). Statistics cannot be combined with Mathematical Physics or Chemistry in year 3.	Statistics is available as a Double Major. Statistics can be combined with all other subjects except Mathematical Physics or Chemistry in year 4.

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to Data Science 1 & 2	> Data Analysis > R programming for Statistics and Data Science > Design and Analysis of Experiments > Nonparametric Statistics	> Probability > Linear Models > Data Visualisation > Generalized Linear Models > Time Series	> Applications of Complex Models > Advanced R programming > Bayesian Data Analysis > Statistical Machine Learning > Statistical Inference

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"As the proud owner of my own business and the recipient of the PWC Image Young Business Woman of the Year award, I can confidently say that Maynooth University played a huge role in getting me where I am today. My time there, from 2015 to 2019, was an incredibly enriching experience that has greatly influenced my personal and professional development. My degree in Entrepreneurship provided me with both the academic knowledge and practical skills essential for launching my own business. The variety of modules I studied helped me grasp the importance of innovation and strategic thinking, which have been invaluable in my career. I also did a placement year during my third year through which I gained crucial experience in the business world.

One of the highlights of my time at Maynooth was the vibrant campus life and the lifelong friendships I formed. The welcoming and supportive community encouraged me to step out of my comfort zone and embrace opportunities for growth.

The entrepreneurial mindset and resilience I developed during my studies have been crucial in navigating the challenges of the business world. Maynooth equipped me with the confidence and ambition to pursue my dreams and continue striving for excellence."

Áine Kennedy
MH411 BBA Entrepreneurship Graduate
CEO & Founder of The Smooth Company

BUSINESS, ECONOMICS, FINANCE AND ACCOUNTING
Specialised Degrees

Accounting, Business (Management), Business (International), Business (Marketing), Economics, Finance and Law also available in the Bachelor of Arts degree MH101 - see

BA Finance
CAO Code: **MH401** | CAO Points 2024: **361**

Places: 60
Duration: 3 years (4 years with placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes (*see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> Finance is central to the operations of every multinational firm, small business, government, household and individual. Studying Finance gives students a head start in life and in their career.

> Finance is a growing industry in Ireland and across the globe. Finance graduates can pursue many challenging and rewarding careers.

> Learn how the financial system works – how assets are traded, international markets are linked, government policy decisions affect financial markets.

> Finance is a multi-disciplinary field, offering a broad range of specializations, in investment banking, financial planning, risk management and corporate finance.

> Learn how to use financial market data and analysis tools in platforms including Bloomberg to perform in-depth analysis.

> Opportunity to take a work placement in a multi-national or Irish firm (subject to availability) to gain hands-on experience. Students also have the option to study abroad, thus having the opportunity to learn within another culture.

> The program offers our students a fantastic opportunity to build their professional network through academic engagement, guest lectures and industry guidance.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101). See p. 44.

After Graduation

> Finance graduates have strong numeracy skills, coupled with an ability to think critically and analytically – invaluable assets in a wide range of professions.

> Our graduates can be found in the banking and financial services industry - in the major financial centres of the world; New York, London, Hong Kong, Dublin, and many more. Economic consultancy, corporate finance, investment banking, retail broking, finance units of public and private sector organisations, financial research, journalism, and teaching are other popular career paths.

> Graduates can continue studying Finance or other programmes offered by the School at postgraduate level.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus
www.maynoothuniversity.ie/business

You might also like

BSc Quantitative Finance p. 83
BA Accounting and Finance p. 84
BSc Economics p. 93

Course Structure

1st year	2nd year and Final year	
Finance and Economics are the major elements of your degree. Study of Finance begins in 2nd year as students first require an introduction to the principles of how markets work and how money and finance interact with the economy. > 15 credits of Economics, 7.5 credits of Accounting, 7.5 credits of Mathematics > Option to take a further 7.5 credits of Mathematics > Optional (but recommended) extra 7.5 credits of Accounting in the 2nd semester > Choose 1 subject (which may include Critical Skills) from the Subject Groups 1, 2 or 5 on p. 32	**Students choose from these options (a) or (b):** **(a)** Choose between the Single Major and Major/Minor routes to degree level. **Single Major:** about 50% of modules are compulsory and are in Finance and the parts of Economics important to Finance. There are a lot of optional modules and depending on your choices in the 2nd semester of 1st year you may take further modules in Financial Accounting and/or Mathematics. **Major/Minor:** approximately 33% of your time is spent with the Minor subject, and you take fewer modules in Finance and Economics, though the core modules are still compulsory. Minor subjects to choose from include Business, Computer Science, Criminology, Geography, German, History, Law, Mathematical Studies, Music, Philosophy, Sociology or Spanish. You must have completed 15 credits in the subject in 1st year to be eligible for the Major/Minor. Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive).	**(b)** At the end of year 1, students who attain a 60% average in the 15 credits of Economics, a 60% average in the 15 credits of Mathematics and a 60% average in 15 credits of Computer Science (when taken as the extra subject in year 1), can transfer to MH402 BSc Quantitative Finance. At the end of year 1, students who do not wish to continue with Finance can side step to a number of our BBS Business degrees, provided they pass year 1 and take a Business subject from Group 2 as their extra subject in year 1.

Sample Modules

1st year	2nd year	Final year
> Economics, Macroeconomics, Mathematics and Accounting > Optional 15 credit Critical Skills (see p. 21 for details)	> Corporate Finance, Financial Management, Econometrics, Money and Banking, Microeconomics, Macroeconomics, Financial Modelling > Optional 10 credit Elective (see p. 21 for details)	Investments, Derivative Securities, Sustainable Business and Responsible Management, Sustainable Finance, Financial Data Analysis, Fixed Income Markets, Econometrics

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BSc Quantitative Finance
CAO Code: **MH402** | CAO Points 2024: **455**

Places: 20
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes - subject to availability*
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O1/H5 Mathematics

Degree Overview

> This programme will challenge and stimulate students who wish to pursue a career in the financial markets. Learn from leading experts across three different disciplines; Finance, Mathematics and Computer Science.

> Students have the opportunity to put the theory into practice during the work placement period and savour the daily life of a professional in the financial services industry.

> You will be ready to pursue a career in the Financial Services industry, Financial Technology, Mathematics or Computer Programming.

> You will develop problem-solving skills that will open up a wide range of future career opportunities, not just in the financial sector but anywhere an analytical and innovative mind is required.

After Graduation

> The combination of financial, mathematical and computer programming skills equip graduates to succeed and prosper in a fast-changing banking and financial sector.

> Quantitative finance graduates have strong numeracy and computational skills, coupled with an ability to think critically and analytically – invaluable assets in a wide range of professions.

> Graduates are ideally placed to pursue a career in investment banking, treasury management, corporate finance, financial engineering, fintech and wealth management. Our graduates can be found working in the major financial centres of the world; New York, London, Hong Kong, Dublin, and many more.

> Many graduates want to continue studying Finance. At postgraduate level, the School offers a number of options.

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Maynooth University School of Business,
TSI Building, North Campus

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You might also like

BA Finance p. 82
BSc Computer Science and Software Engineering - see section 4
BSc Economics p. 93

Course Structure

1st year	2nd year	3rd year	Final year
> Finance and Economics (15 credits) > Computer Science (15 credits) > Mathematics and Statistics (15 credits) Plus another 15 credits from > Accounting > Double Computer Science > Choice of subject (which may include Critical Skills) from Subject Groups 1, 2 or 6. Mathematics (Pure) is not available. See p. 32 for Subject Groups table. Students taking Accounting may transfer to MH401 Finance in second year, while students taking Computer Science may transfer to MH601 Computer Science and Software Engineering in second year.	> Finance and Economics (15 compulsory credits) > Computer Science (20 compulsory credits) > Mathematics and Statistics (15 compulsory credits) Plus 10 optional credits from > Finance > Economics or > Mathematics	> Finance and Economics (10 credits) > Computer Science (10 credits) > Mathematics (10 credits) > Work Placement (subject to availability), Study Abroad or Research Project (30 credits) (*The University will support you in the search for a placement job; however, the process is competitive).	> Finance and Economics (25 compulsory credits) > Computer Science (5 compulsory credits) > Mathematics and Statistics (20 compulsory credits) Plus 30 optional credits from > Finance > Economics > Computer Science > Mathematics or > Statistics

Sample Modules

1st year	2nd year	3rd year	Final year
> Microeconomics, Macroeconomics and Finance > Introduction to Computer Science > Introduction to Statistics	> Corporate Finance and Financial Modelling > Databases and Operating Systems > Calculus and Linear Algebra	> Investments > Computer Networks > Financial Mathematics	> Derivative Securities > Machine Learning and Neural Networks > Probability > Sustainable Finance

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BA Accounting and Finance
CAO Code: **MH403** | CAO Points 2024: **409**

Places: 90
Duration: 3 years (4 years with placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (*see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> This degree affords you the opportunity to become a highly sought-after graduate possessing the accounting, finance and transferable skills required of future business leaders. Graduates can develop rewarding careers with international mobility and high earning potential.

> The degree is recognised by the professional accountancy bodies in Ireland (Chartered Accountants Ireland, ACCA, and CIMA). Upon its successful completion you will be exempt from the first level of their professional examinations (CAP1 and equivalent) and well on the road to your professional accounting qualification, which requires you to complete a series of professional exams as well as on-the-job training.

> On this degree, you will learn how the financial systems and markets work. You also will learn how to compile, analyse, interpret and communicate essential information about the operations of a business – whether that business be a small firm, a publicly traded corporation or an NGO (non-governmental organisation).

> Throughout this degree you will engage with expert faculty, who foster an engaging, friendly, supportive and dynamic learning environment.

> You will also have the opportunity to pursue a four-year degree. You can choose between a work placement in a leading accounting or finance firm, or indeed a study year abroad, enabling you to combine what you learn in Maynooth University with insights into industry or another culture.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101). See p. 33.

After Graduation

> While graduates are likely to be primarily focused on a professional accountancy qualification, the numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and financial services.

> Many of our students continue to further postgraduate study in Accounting or Finance or one of a wide range of Business subjects at Maynooth University.

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You might also like

Accounting in the Bachelor of Arts degree p. 33
BBA Accounting Finance and Languages p. 90
BBS/BBA Business and Accounting p. 89
BCL Law and Accounting p. 129

Course Structure

	1st year	2nd and Final year
Accounting is the major element studied with Finance and Economics.	Students are introduced to the fundamentals of accounting and finance in year 1 with no prior knowledge required, as we teach accounting from first principles. Students develop key analytical, technical and numeracy skills which create a solid foundation to build upon in subsequent years.	In second and final year you will expand and deepen your knowledge of all areas of accounting and finance as well as gain an understanding of the financial environment in which businesses operate. Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive).

Sample Modules

1st year	2nd year	Final year
> Financial Accounting > Fundamentals of Finance and Accounting > Economics > Mathematics > Professional Development modules	> Financial Accounting > Management and Cost Accounting > Personal and Business Taxation > Corporate Finance > Economics	> Advanced Financial Accounting > Advanced Management and Cost Accounting > Ethics and Corporate Governance > Law > Finance (Investments, Derivatives and Markets)

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BBS/BBA Business and Management
CAO Code: **MH404 BMA** | CAO Points 2024: **400**

Places: 250 (MH404)
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH404 degree stream

Degree Overview

> The BBS in Business and Management is the flagship undergraduate degree programme in the School of Business, offering comprehensive coverage of all major elements of business and our widest range of optional modules.

> Business and Management students learn from international and local industry experts about how they can make a positive difference in the lives of customers, employees, colleagues, organisations and broader society through applying management best practices.

> Students explore how to manage contemporary organisations and are offered exceptional flexibility and choice. This degree offers students insights into all of the major functions of business, as well as the opportunity to undertake specialist options in the subjects they most enjoy. This means students may specialise based on their strengths and interests.

> The School's goal is that, on completion of the programme, graduates emerge as critical thinkers, experienced in working in groups, knowledgeable in key Business Management functions, and will have acquired the skills needed for success in a dynamic and evolving labour market.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101). See p. 36.

After Graduation

> Typically, Business and Management graduates enter employment as general management graduate trainees in service or manufacturing organisations; work as functional specialists in marketing, sales, operations, management information systems, or human resource management. Careers in consulting, public service, and not-for-profit organisations are also popular.

> Business and Management graduates may also continue their education through the various specialist postgraduate degree programs offered through the School of Business.

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You might also like
Business (International / Management / Marketing) in the Bachelor of Arts degree p. 35

BBS/BBA International Business p. 86

BBS/BBA Marketing p. 87

BBS/BBA Business and Accounting p. 89

BBS/BBA Entrepreneurship p. 91

BCL (Law and Business) p. 96

Course Structure

1st year	2nd year	Final year
The first year is about building the foundations of knowledge in business and management. The fundamentals of business and management are covered in modules, including Management, Marketing, Innovation, Professional Skills and Business Ethics. No prior studies in business/management are required.	The second year is about expanding your knowledge of the core disciplines and functions in business and management. Students take a combination of core and optional modules. Optional 10 credit Elective (see p. 21 for details). Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive).	The final year is about deepening your understanding of business in general, examining how functions and theories tie together at the strategic level. Students also have the opportunity to specialise through a choice of advanced optional modules.

Sample Modules

1st year	2nd year	Final year
> Introduction to Accounting > Introduction to Economics > Business Models and Marketing > Organisational Behaviour and Management > Business Landscapes > Managing Innovation > Business Ethics > Professional and Learning Skills	> Human Resource Management > Operations and Supply Chain Management > Management Information Systems > Entrepreneurship > Marketing Management > International Business	> Strategic Management > Change Management and Sustainability > Managing Multinational Corporations and International Corporate Entrepreneurship > Negotiation and Dispute Resolution > Business Analytics, Information Technology for Business, and Social Media

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BBS/BBA International Business
CAO Code: **MH404 INB** | CAO Points 2024: **400**

Places: 250 (MH404)
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH404 degree stream

Degree Overview

> This degree focuses on organisations that transcend national borders, and how business is conducted across the globe. Students learn how organisations of all sizes internationalise their operations to exploit opportunities in the global market. Our International Business degree is ideal for students with a global outlook who wish to work either in local firms competing abroad or in subsidiaries of foreign multinationals, located either here or abroad. To live and work effectively within the global economy, an understanding of the theory and practice of international business management is essential.

> Students develop key skills for lifelong learning, including how to analyse and think critically about solving business problems in an international environment.

> The people, cultural, operational, and marketing insights provided by studying International Business are critical to understanding the process of internationalising, managing diverse teams within and across business units, and responding to a range of international customers as well as the social, economic, political, legal and technological changes.

> International Business students at Maynooth are offered unrivalled choice and flexibility. We offer modules that will develop both core business management knowledge as well as modules that provide a more specialist understanding of the international aspects of business.

> International Business students also have the option of taking a four year degree with a work placement or study year abroad, thus combining what you learn in university with insights into industry or another culture.

> Students who are interested in taking International Business with a language might wish to consider MH409. See p. 90.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101). See p. 35.

After Graduation

> This degree equips graduates with the skills necessary to be employed by multi-national companies, work in different countries, offering a range of exciting experiences, new knowledge, and other benefits that enhance careers. Today's business world transcends traditional borders and business is conducted differently in different cultures. The broad range of business skills and topics studied in this degree can lead to just about any career.

> Graduates will be well suited to employment in the Irish operation of a major multinational, working with Irish companies who supply to international customers, helping organisations to internationalise and grow, managing a diverse workforce and supply chain operations. Opportunities at a policy level, working for national organisations to promote Ireland as a destination for inward investment, for internationalising Irish business and for multinational operations in other countries exist.

> Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

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You might also like
Business (International / Management / Marketing) in the Bachelor of Arts degree p. 35. Chinese, French, German or Spanish may be studied with a Business subject in the MH101 degree.
BBS/BBA Business and Management p. 85
BBS/BBA Marketing p. 87
BBS/BBA Business and Accounting p. 89
BBA Business and Languages p. 90
BBS/BBA Entrepreneurship p. 91
BCL (Law and Business) p. 130

Course Structure

1st year	2nd year	Final year
Introduce you to and deepen your interest in contemporary organisations within an international context through the fundamentals of business including International Business, Management, Marketing, Innovation, Business Ethics amongst other business modules.	Concentrate on managing people and organisations when conducting business in international environments. In addition to core modules in International Business, a wide range of Business options will be available to you, including Marketing, Information Systems, and Operations Management. Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year. **Maynooth Education** Elective Option (see p. 21 for details) (*The University will support you in the search for a placement job; however, the process is competitive).	Customise your degree. Study International Business topics including how multinational businesses operate at a strategic level. You will also have the opportunity to choose from a wide range of options.

Sample Modules

1st year	2nd year	Final year
> Global Business and Marketing > Introduction to Accounting > Introduction to Managing Innovation > Professional and Learning Skills > Business Landscapes > Introduction to Business Ethics > Introduction to Economics > Organisational Behaviour and Management	> International Business > Entrepreneurship, Theory, Processes & Practices > International Management > Operations and Supply Chain Management > Human Resource Management > Digital Marketing	> Managing Multinational Corporations > Strategic Management > Innovation Management: Tools and Concepts > Change Management & Organisational Development > Global Supply Chain Management > Sustainable Business and Responsible Management > Strategy Simulation

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BBS/BBA Marketing
CAO Code: MH404 MKT | CAO Points 2024: 400

Places: 250 (MH404)
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH404 degree stream

Degree Overview

> Students develop core marketing skills and a thorough understanding of how the marketing function fits into a wider organisational context.

> Learn how to work with a wide range of existing and emerging marketing tools and channels, including digital and social media marketing, influencer marketing, and how AI and metaverse applications play a role in modern marketing.

> This degree also helps students to understand, where, when, and how to spend marketing budget to greatest effect; how to plan market research, develop strategic marketing plans, and create persuasive communications, while considering the needs of a multicultural, international business environment; and how marketing interacts with the operations and strategy of a firm as a whole.

> Marketing is both profoundly local, selling to one customer, and global, selling to international markets. Our faculty are a blend of international and local experts in different Marketing topic areas, such as online retailing, digital marketing, marketing in small and medium sized enterprises, and consumer behaviour. They bring profound insights into the practicality and complexity of the Marketing subject.

> Marketing students at Maynooth benefit from unmatched flexibility and choice. This degree offers the opportunity to undertake specialist options in subjects so students can focus their degree according to their own strengths and interests. Students also gain insights into Business as a whole, taking key modules in Management to complement their Marketing studies.

> The opportunity to take a work placement in a multi-national or Irish firm for a year (subject to availability) provides students with practical business work experience that can enhance their employability following graduation. Alternatively, a study year abroad allows students to gain insights into another culture.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101). See p. 37.

After Graduation

> Business graduates are consistently among the most employable in the Irish education system. For example, marketing graduates can expect to take up roles in marketing, digital marketing, social media management, sales, and consulting in Irish or international organisations in different industries. In the public sector, there are roles in state agencies, voluntary organisations, the civil service, charities, NGOs, and others, for marketing graduates.

> By studying marketing, students gain knowledge and skills that can help them in any business-related career, because they understand the view of the final customer.

> Many of our students have also gone on to further study and the School offers a range of postgraduate options.

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You might also like

Business (International / Management / Marketing) in the Bachelor of Arts degree p. 35
BBS/BBA Business and Management p. 85
BBS/BBA International Business p. 86
BBS/BBA Business and Accounting p. 89
BBA Business and Languages p. 90
BBS/BBA Entrepreneurship p. 91
BCL (Law and Business) p. 130

Course Structure

1st year	2nd year		Final year
Core marketing topics including Consumer Behaviour and Consumer Research and Marketing. In addition, you study other Business modules, including Introduction to Managing Innovation.	Master the management functions of Marketing through modules such as Brand Management, Marketing Management, Digital Marketing, and International Business. Optional 10 credit Elective (see p. 21 for details).	Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. *(The University will support you in the search for a placement job; however, the process is competitive).	Develop a strategic approach to the marketing function through your study of modules such as International Marketing, Social Media, Contemporary Issues in Marketing, Business Analytics, and Strategic Management.

Sample Modules

1st year	2nd year		Final year
> Consumer Research and Marketing > Business Landscapes and Introduction to Managing Innovation > Consumer Behaviour	> Marketing Management and Brand Management > Integrated Marketing Communications and Digital Marketing > International Business, Human Resource Management, and Introduction to Management Information Systems	**Maynooth Education** Elective Option (see p. 21 for details)	> Contemporary Issues in Marketing and International Marketing > Social Media and Business Analytics > International Corporate Entrepreneurship

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BBS/BBA Business and Global Cultures
CAO Code: **MH404 BGC/IGC/MGC** | CAO Points 2024: **400**

Places: 250 (MH404)
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH404 degree stream

Degree Overview

> If you are fascinated by business in the complex and diverse world around us, then this is the degree for you!

> An essential challenge for businesses in Ireland is how they can connect the capabilities of our workforce to contribute to solutions for people who are largely in markets outside Ireland, across the EU and the wider global community. Business needs graduates who can both understand the fundamentals of how to create value for customers and also how to translate them into solutions and services that fit the needs of diverse cultures.

> Students on this degree can choose from one of three Business subjects (Management, Marketing or International Business) which they can combine with an array of Global Cultures modules, covering topics such as exploring cultures in global contexts, urbanisation, science and technology in society, security, consumption and sustainability, and user experience and service innovation.

> The optional work placement/study abroad will enable you to apply theory in practice, significantly improving employability upon graduation.

> Combine insights from Ireland's youngest and most dynamic School of Business and from the only Anthropology Department in the Republic of Ireland. Our faculty are a blend of international and local industry experts and academics, who bring profound insights into the practicality and complexity of both Business and Global Cultures.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101) taking Business and Anthropology. See page 34.

After Graduation

> A combination of excellent skills in both business and global cultures means that you are highly employable in all sectors of business and many international organisations. Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the growth of businesses domestically and on the international stage.

> This degree qualifies graduates for a wide range of postgraduate degrees that are offered by the School of Business and in the Department of Anthropology.

Contact Us
Department of Anthropology,
Rowan House, North Campus
www.maynoothuniversity/anthropology

Maynooth University School of Business,
TSI Building, North Campus
www.maynoothuniversity.ie/business

Course Structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. You will also take 30 Global Cultures credits to develop inter-cultural skills through an understanding of human diversity and difference.	Second year is about learning the functional capabilities of your business subject, including some optional choices. You will also learn how to systematically observe, interpret and describe the world around you.	Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive).	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by studying the transnational flows and mobilities of culture, ideas, media, technology, and finance, which impact on people's lives.

Sample Modules

1st year	2nd year	Final year
Your topics will vary depending on your Business subject choice: > Consumer Research & Marketing > Financial Accounting & Business Models > Management > Material, Digital and Visual Worlds > States, Markets & Global Development Challenges	You will study different aspects of Business & Global Cultures such as: > Human Resource Management > Digital Marketing > Marketing Management > Global Health, Sustainability & Development > Ethnographic Research & Storytelling	You will continue to develop your knowledge with options such as > Strategic Management > International Marketing and Innovation > Globalisation, Science, Technology & Society > User Experience and Service Innovation

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BBS/BBA Business and Accounting
CAO Code: **MH407** | CAO Points 2024: **400**

Places: 50
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> This degree provides a foundation for entering the accounting profession and other areas of business. To become a professional accountant, students successfully complete three levels of professional exams as well as on-the-job training. Graduates of the BBS Business and Accounting degree are exempt from the first level of these professional examinations (CAP 1 examinations from Chartered Accountants Ireland and equivalent examination papers from ACCA and CIMA professional accounting bodies).

> Students also gain an excellent foundation in the management of organisations. Studying Business and Accounting together allows students to develop excellent technical accounting skills, financial analysis and a thorough appreciation of the world of business and management.

> Accounting is an important component that supports the implementation of a business strategy that creates and captures value for, and from, customers. The business element of the degree gives students an appreciation of the core functions of value creation.

> Students have the option of taking a four year degree with a work placement or study year abroad, thus combining what they learn in university with insights into industry or another culture.

> Students who complete the Master's in Accounting at Maynooth are exempt from the second level of professional examinations. Following this, only one level of professional exams and completion of on-the-job training results in a full accountancy qualification.

After Graduation

> While graduates are likely to be primarily focused on a professional accountancy qualification, this programme prepares students for a variety of careers in both the private and public sectors, and in many industries.

> Graduates have successful and rewarding careers in the accounting, banking and financial services sectors as well as financial research and teaching.

> Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

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You might also like

Accounting in the Bachelor of Arts degree p. 33

Business (International / Management / Marketing) in the Bachelor of Arts p. 35

BA Accounting and Finance p. 84

BBS/BBA Business and Management p. 85

BBS/BBA International Business p. 86

BBS/BBA Entrepreneurship p. 91

BCL Law and Business / Law and Accounting p. 130 / 129

Course Structure

Accounting is taken jointly with Business for the three years of the programme.

Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year. *(The University will support you in the search for a placement job; however, the process is competitive).

Graduates of the BBS Business and Accounting degree are exempt from the first level of the professional examinations (CAP 1 examinations from Chartered Accountants Ireland and equivalent examination papers from ACCA and CIMA professional accounting bodies).

Sample Modules

1st year	2nd year	Final year
> Financial Accounting	> Financial Accounting	> Advanced Financial Accounting
> Fundamentals of Finance and Accounting	> Management and Cost Accounting	> Advanced Management and Cost Accounting
> Economics	> Taxation	> Law
> Business Models and Marketing	> Corporate Finance	> Finance
> Professional and Learning Skills	> Operations and Supply Chain	> Strategy Simulation
> Organisational Behaviour and Management	> Management Information Systems	> Strategic Management
	> Marketing Management	> Sustainable Business and Responsible Management

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BBA Business and Languages
CAO Code: **MH409** | CAO Points 2024: **400**

Places: 40
Duration: 4 years with placement or Erasmus/Study Abroad

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure below for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics. Non-beginner Mandarin Chinese, French, German, Spanish: Leaving Cert H4 recommended. Beginner Mandarin Chinese, French, German, Spanish: no previous study required.

Degree Overview

> MH409 provides students with the widest choice of business and languages of any university degree in Ireland. Choose one business subject (Accounting**, Business Management, International Business or Marketing) and one language (Chinese, French, German or Spanish). No previous study of either business or the chosen language is required to take this degree.

> Students have up to four weeks at the beginning of semester one to choose their preferred business and language options. This enables students to find the subjects that best match their interests and aptitude. If beginning a new language, it is advisable to attend all lectures from the beginning of semester one.

> In third year students have an opportunity to undertake either study abroad or an international internship (subject to availability), which allows for learning to be put into practice and which significantly improves graduate employability. Most businesses in Ireland and Europe trade internationally across languages and so these skills are highly sought after.

> There is a possible transfer option to this degree in second year for students who have completed the first year of the BA degree (MH101) taking Business and the relevant language. See page 35.

After Graduation

> A combination of excellent skills in both business and a foreign language means that graduates are highly employable in all business sectors and in many international organisations.

> Graduates are well placed to join large multinational employers in their graduate programmes. They will also be an asset to a small or medium-sized organisation, where they will be able to contribute to the growth of the business both domestically and on the international stage. Language skills mean that graduates will be able to work as a bridge between the English-speaking world and the cultures of their chosen language, whether that's in an export-orientated firm in Ireland or for a company anywhere in the world.

> Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

www.maynoothuniversity.ie/business

Maynooth University School of Modern Languages, Literatures and Cultures

www.maynoothuniversity.ie/school-modern-languages

** Please note that Accounting can only be combined with German or Spanish. All other business subjects can be combined with any of the four languages.

Course Structure

1st year	2nd year	3rd year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. Beginner (30 credits) and non-beginner (15 credits) options are available in French, German, Spanish and Chinese. Students who take a language at non-beginner level (15 credits) also take the relevant Language and Culture modules (15 credits). You also have the option of taking one or two non-beginner (post Leaving Certificate H4 or higher) languages in 1st year.	For business, second year is about learning the functional capabilities of your subject, including some optional choices. As a language student, you will have a twin focus on language and culture. Your language skills will continue to be developed through small-group teaching, and you will be able to choose from a wide range of different options to hone your intercultural awareness.	You will choose either Erasmus/Study Abroad in one of our partner universities or undertake an international internship (subject to availability). Study Abroad will offer you the opportunity to develop your language and cultural skills. You will have an opportunity to strengthen your language skills by living and studying through the target language, and you'll also be able to take modules in other language, cultural, business or alternative subjects. If you prefer to undertake an international internship, we can support you to have this accredited as part of your degree programme also. Students may also qualify for funding through the Erasmus+ internship programme. *(The University will support you in the search for a placement job; however, the process is competitive).	In your business subject, this is the year in which you will develop your understanding of the strategic aspects of running a business, as well as advanced skills in your chosen subject, including a range of optional and core modules. In your language, you will build on your experience abroad to develop a high degree of fluency and accuracy, and you will continue to develop your creative, analytical, and critical thinking through engaging with cultural studies.

Sample Modules

1st year	2nd year	Final year
Your business topics will vary depending on your subject choice. In Marketing, for example, you will learn about consumer behaviour and market analysis. In Accounting, you will learn the basics of financial accounting. In Management, you will learn about business models, and how to manage people, amongst others. In your language you will study either beginners' or continuing French/German/Spanish/Chinese.	Examples of business topics include management accounting, international management, human resource management, operations and supply chain management, and digital marketing, amongst others. In your language, you will be able to choose from a range of modules, including linguistics and language studies, film and literary studies, and language for business.	Examples of business topics include advanced management and cost accounting, strategic management, management information systems, innovation, and international marketing, amongst others. In your language, you will be able to choose from a range of modules, including advanced linguistics, film studies, politics and the media, literary analysis and translation.

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BBS/BBA Entrepreneurship
CAO Code: **MH411** | CAO Points 2024: **360**

Places: 30
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> This is a programme of study that supports and develops entrepreneurial learning and equips students with the skills and knowledge to work in the general business world or to set up their own business.

> Students learn the process in which entrepreneurs generate ideas for new businesses and existing businesses shape them into opportunities supported by business models and frameworks.

> This degree enables students to develop relevant skills in creative problem solving, diagnostics, communications, and project management. Graduates emerge with functional and strategic capabilities that contribute to business success.

> The learning experience of this programme is designed to be formative, creative and dynamic, providing students with both in-class and industry engagement and learning.

> Entrepreneurship students at Maynooth are offered insights into all of the major functions of business, as well as the opportunity to undertake specialist options in the subjects that you most enjoy and that you feel support your development as an entrepreneur.

> Entrepreneurship students also have the option of taking a four year degree which includes a work placement or study year abroad (subject to availability). This offers our students an opportunity to gain experience in industry and/or learning within another culture.

> Our degree also offers students a fantastic opportunity to build their business network through academic engagement as well as through extra-curricular engagements in our thriving societies such as the Maynooth University Entrepreneurial Society, ENACTUS and the Business Society.

After Graduation

> Business graduates are consistently among the most employable in the Irish education system. Entrepreneurship students have a wide variety of career choices available - enter business, public or third sector jobs. Careers in consulting, research and design, public service and not-for-profit organisations are also common.

> Graduates gain work within an existing business or start up their own business - building upon their own entrepreneurial ideas that have been developed and supported throughout the duration of the degree.

> Entrepreneurship is also global in nature so the opportunity to stay local or to work abroad is also an option.

> Many of our graduates choose to specialise further with a postgraduate degree. The School of Business offers a range of postgraduate programmes for Business students.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

www.maynoothuniversity.ie/business

You might also like

Course Structure

1st year	2nd year	Final year
> Focus on the core processes of innovation set within the context of large to small firms.	> Focus on the functions of Business and Entrepreneurship > Optional 10 credit Elective (see p. 21 for details) *Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (The University will support you in the search for a placement job; however, the process is competitive).	> Focus on strategy development and scaling of small businesses to international corporations > Consideration of both local and international environments

Sample Modules

1st year	2nd year	Final year
> Managing Innovation > Business Models & Marketing > Accounting > SME Entrepreneurship	> Entrepreneurship Theory, Processes and Practices > Human Resource Management > Marketing Management > International Business	> Social Entrepreneurship > International Corporate Entrepreneurship > Sustainable Business & Responsible Management > Innovation Management: Tools & Concepts

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 **ask** on webchat ask a student

BSc/BBA Business with Sport Science
CAO Code: **MH412** | CAO Points 2024: **487**

Places: 35
Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* - see Course Structure for details
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> **Maynooth University offers the only programme that allows students to combine a full business with sports science degree. This programme is for students who have a desire to work in the growing and diverse range of businesses in the area of sports, exercise and well-being.**

> **The sports, exercise and well-being sector is one of the largest service industries in Ireland and globally. Ranging from small to large enterprises, many are run by sports-professionals. These businesses need graduates who can understand both the science and practicalities of the sports and exercise sector, and the fundamentals of how to create value and make a profit - via services and solutions that meet a variety of customers.**

> **MH412 provides students with the unique option of combining Business with sports related content - from practical exercise skills to the science behind human performance and well-being.**

> **In third year, students have an opportunity to undertake an accredited work placement (subject to availability), in Ireland or abroad, which gives students a chance to put learning into practice and which significantly improves employability upon graduation. Given the diversity of businesses in this sector, many run by those without formal business training, people with both business and sports science knowledge are highly attractive with many opportunities.**

After Graduation

> This is a rapidly growing sector, with a deep demand for graduates that bridge the fields of business and sports - employees that have both a deep insight into how to create value for businesses (through business skills) and the science of sports exercise.

> Many enjoy sporting activities but sports and exercise are well known to have mental and physiological benefits. In combination with the business modules, this programme will allow students to understand how sports and exercise can impact on health, allowing graduates to explore how this can be translated to new services and solutions.

> Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the businesses, domestically and globally. The addition of sports science will allow graduates to access opportunities in the sports and exercise market. That could be from small local enterprises to large companies that operate sporting enterprises or that supply services to the sports, exercise and health sectors.

> Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus
↖ www.maynoothuniversity.ie/business

Course Structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of Business. This will provide you with foundational knowledge of your business subject. You will also take 15 credits of the sports science programme, and 15 credits of another first year subject (Groups 1, 3 or 4 - see p. 32 for Subject Groups).	For business, second year is about learning the functional capabilities of your subject, including some optional choices. In addition you will take 20 credits of sports science modules.	Work placement or study abroad year between 2nd and final year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive. Students who choose to take the year 3 placement option will be required to undergo Garda Vetting in advance of this placement.)	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by 20 credits of content from sports science.

Sample Modules

1st year	2nd year	Final year
> Business Models and Marketing > Organisational Behaviour and Management > Coaching Science and Performance 1 > Introduction to Anatomy and Biomechanics	> Project Management > Data Management Skills for Business > Physiological Measurement and Exercise Testing > Sports Injuries	> Strategic Management > Social Media > Nutrition for Health and Performance > Exercise for Health

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

BSc Economics
CAO Code: **MH415** | CAO Points 2024: **423**

Places: 15
Duration: 3 years (4 years with optional placement or Erasmus/ Study Abroad). Integrated MSc Economics option.

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes* (see Course Structure for details)
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O1/H5 Mathematics
You do NOT need have taken Leaving Certificate Economics to study MH415.

Degree Overview

> This is the first integrated BSc/MSc degree in Economics in Ireland: having achieved 55% or more in the BSc Economics, students have the option to automatically progress to the MSc Economics programme. This results in an MSc degree after four years.

> This degree suits analytical students who have a passion to tackle pressing socioeconomic challenges such as poverty, unemployment, financial instability, gender and racial inequality and the effects of climate change.

> BSc Economics students learn to take a scientific, evidence-based approach in order to understand, critique and create policies to combat economic and social problems.

> Data analysis skills are developed steadily over the course of the degree.

> From first year, students learn how to do independent research, not just consume knowledge created by others. The focus on independent research allows students to flourish based on their individual curiosity and strengths.

> Throughout the degree, students take modules from a variety of disciplines such as Sociology, Geography, Law and Statistics. This allows students to develop synergies in their own research.

> Students benefit from a personal academic advisor who guides them throughout their studies.

After Graduation

> Employers in all sectors, from government to financial services, have a growing need for economists who can analyse and interpret data.

> BSc Economics graduates have the tools to become key players in business and in public policy and enjoy wide career choices - consultant, fund manager, investment banker, urban planner, journalist, teacher, policy maker as well as many other areas.

> Students are entitled to automatically progress to the MSc Economics if they choose. This will provide the additional option of working as a professional economist in, for example, economic consultancies, policy institutes, the Central Bank, and various government departments.

> Other postgraduate study options include finance, business, international development, public policy, public administration and data science.

> According to statistics reported by Forbes, economics degree holders are very well paid on average, compared to nearly every other field. PayScale documents substantial wage growth over the first ten years of working life, almost doubling the entry pay level.

Contact Us

Maynooth University Department of Economics, Rhetoric House
➤ www.maynoothuniversity.ie/economics

You might also like

Course Structure

1st year	2nd year	3rd year
Microeconomics, Macroeconomics, Information Economics, Econometrics I (Statistics for Economists) In addition, you will take a research skills module titled 'Exploring Economics' You will take two 15-credit subjects (typically two modules in each subject) outside of Economics. Choose your two subjects (one of which may be Critical Skills) from Subject Groups 1, 3 (excluding Mathematical Studies) or 5 on p 32. Maximum one subject per Subject Group.	Intermediate Microeconomics and Macroeconomics, Econometrics II, History of Economic Thought, Statistical Computing with R, Corporate Finance, Advanced Quantitative Methods In addition, you will earn credits for the 'BSc Team Project' Optional work placement after 2nd year: You will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University will support you in the search for a placement job; however, the process is competitive.	Advanced Microeconomics (Game Theory) and Macroeconomics, Applied Econometrics And you will undertake the year-long BSc Economics Thesis

Sample Modules

1st year	2nd year & 3rd year
You will take two 15-credit subjects (typically two modules in each subject) outside of Economics - at most one from each group. The available groups to choose your two subjects from are groups 1, 3 (excluding Maths Studies) or 5. Critical Skills is also an option. At the end of first year, should you change your mind and find your calling in one of the fields listed above, you can switch to MH101 BA Arts without any credit deficit and keep Economics as a major/ minor subject.	In the 2nd and 3rd year combined, you will take eight to eleven optional Economics modules: Money and Banking, Environmental Economics, Public Economics, Economics of Crime, International Macroeconomics, International Trade, Economics of Sports, Health Economics, Economics of the EU, Competition and Regulation, Economics of Work and Life Decisions. You will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University will support you in the search for a placement job; however, the process is competitive. You can take up to three optional modules outside of Economics from a wide selection of disciplines. The list of modules includes but is not limited to Digital Ethics, Environmental Sociology & Climate Change, Media & Society, Europe Post 1945, Irish Politics & Society, Sustainable Finance, Statistical Machine Learning.

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BA International Economics
CAO Code: **MH416** | CAO Points 2024: **421**

Places: 15
Duration: 4 years (placement or Erasmus/Study Abroad in year 3)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes (subject to availability)**
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics. Non-beginner Mandarin Chinese, French, German, Spanish: Leaving Cert H4 recommended. Beginner Mandarin Chinese, French, German, Spanish: no previous study required

Degree Overview

> **Study Economics, Mathematics and a choice of languages or Computer Science.**

> **Languages available: Mandarin Chinese, French, German and Spanish are available to complete beginners. Leaving Certificate H4 recommended to study non-beginner level Mandarin Chinese, French, German, Spanish.**

> **Work and/or study abroad in 3rd year (or work in an internationally orientated company in Ireland – all subject to availability).**

> **Develop an understanding of the economic principles underlying markets of all kinds – financial markets, labour markets and goods markets.**

> **Learn how the international economic system works – how assets are traded, international markets are linked, government policy decisions affect the economy and how financial markets respond.**

> **Become prepared, both intellectually and practically, for employment in the highly competitive and dynamic world of international economics.**

> **Learn how to use analytical tools – including mathematics, deductive logic and applied statistics – to examine problems and devise logical solutions.**

After Graduation

> International Economics graduates have strong numeracy skills, coupled with an ability to think critically and analytically – invaluable assets in a wide range of professions.

> Graduates can be found in the banking and financial services industry, economic consultancy, finance units of public and private sector organisations, financial research, journalism and teaching.

> Postgraduate degree holders are also to be found working in financial institutions, both public and private, in Dublin, London, New York and around the globe. Many of our students continue to further postgraduate study in a range of Economics and Finance-related programmes.

Contact Us

Maynooth University Department of Economics, Rhetoric House

www.maynoothuniversity.ie/economics

You might also like

Course Structure

1st year	2nd year	3rd year	Final year
> 30 credits of International Economics, which includes 15 credits of Economics and 15 credits of Mathematics/Statistics modules > 15 or 30 credits of a language (Chinese Studies*, French*, German*, Spanish*) or Computer Science > Credits permitting, students may take 1 other subject, which may include Critical Skills, from Subject Groups 1, 2 or 5. See p. 32. *Beginners language programme available. This requires 30 credits in the language (Mandarin Chinese, French, German or Spanish). Students are strongly recommended to take 7.5 credits of Accounting, however, because of timetable restrictions, it will only be available to those taking Computer Science, Spanish or German (not as beginner). Students will have a second opportunity to take an Introduction to Accounting course in 2nd year. Students who wish to keep open the option of a minor in Maths in Year 2 should select specific modules. See Course Finder for details.	**Choose between 2 possible routes:** > Single Major in International Economics > Major/Minor with International Economics as the Major and either Computer Science or their 1st year language or Mathematical Studies as a Minor. Approximately one third of a student's time is spent on the Minor. Optional 10 credit Elective in 2nd year (see p. 21 for details)	> Work or Study Abroad or placement in an internationally orientated firm in Ireland (subject to availability). If a suitable placement cannot be found, the student may continue directly into the final year, obtaining a single major or major/minor BA Bachelor of Arts in Economics. **The University will support you in the search for a placement job; however, the process is competitive.	Back on the Maynooth University campus taking the Single Major or Major/Minor (depending on the 2nd year option chosen).

Sample Modules

1st year	2nd year	3rd year	Final year
Microeconomics, Macroeconomics, Quantitative Methods, Mathematics, Computer Science or a language, choice of 4th subject or Critical Skills (if not taking a language as a beginner).	Microeconomics, Macroeconomics, Econometrics I, Information Economics, History of Economic Thought, Money and Banking, Financial Modelling. Optional 10 credit Elective (see p. 21 for details).	Work or Study Abroad or placement in an internationally orientated firm in Ireland (subject to availability). If a suitable placement cannot be found, the student may continue directly into the final year, obtaining a single major or major/minor BA Bachelor of Arts in Economics.	Investments, Derivative Securities, Behavioural Economics, Fixed Income Markets, Econometrics II, Economics of the EU, International Finance, International Trade, Economics Thesis.

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BCL (Law and Accounting)
CAO Code: **MH502 LWA** | CAO Points 2024: **418**

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability**
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & O4/H7 Mathematics*
* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWA
OPC (Open Choice Option):
Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> This degree is jointly accredited by both the legal and accounting professions. Students can avail of exemptions (upon graduation) from CAP 1 examinations from the Institute of Chartered Accountants in Ireland, and equivalent examination papers from the ACCA and CIMA professional accounting bodies. This law degree is accredited by the Honorable Society of King's Inns.

> This degree is designed for those who would like to study law while gaining a strong background in accounting. For the three years of this programme, students take Law and Accounting in equal measure, making this degree particularly attractive for those considering a career in either of these fields.

> Students acquire key financial and accounting skills alongside a thorough grounding in core law subjects.

> Become a highly sought-after law and accounting graduate with the technical and transferable skills needed to succeed in your chosen career. Enhance your employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

> BCL students who successfully complete the first year of the programme have the option of transferring into the second year of the LLB programme (MH501).

After Graduation

> Embark on the route to becoming a professional in accounting or law, both of which offer a rewarding career with international mobility and high earning potential.

> The numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and the financial services sector generally, as well as financial research and teaching.

> Graduates of the BCL programme, wishing to pursue a career in accounting, will be in a position to enter professional training and avail of exemptions from the professional accounting bodies.

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Many of our students continue to further postgraduate study in a very wide range of Law, Business, Accounting and Finance subjects at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

➤ www.maynoothuniversity.ie/business

Maynooth University School of Law and Criminology,
New House, South Campus

➤ www.maynoothuniversity.ie/law

You might also like
Specialised Accounting degrees - see section 3
Other BCL Law degrees and our LLB degree - see section 8
Accounting and Law as subjects in the Bachelor of Arts degree - see section 1

Course Structure

> Accounting is taken jointly with Law for the three years of the programme, with a wide range of accounting and legal subjects being studied.	> Students take the core modules required for professional legal and accounting careers, but also choose from a range of optional modules. No prior knowledge of accounting or law is required, as we teach both subjects from first principles.	> A number of modules focus on developing critical skills (legal writing, advocacy, financial literacy and communication skills).	> Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (**The University will support you in the search for a placement job; however, the process is competitive).

Sample Modules

1st year	2nd year	Final year	
> Core modules like Criminal Law, Contract Law, Introduction to Accounting, and Fundamentals of Finance > Critical skills modules, like Legal Research Methods > Practical skills, participating in mock trials	> Core modules like Company Law, Financial and Management Accounting and Taxation > Critical skills, analysing materials in tutorials and seminars > Practical skills, like participating in negotiation	> Core modules like Property Law, Management Accounting, Financial Accounting and Finance > Critical skills, analysing the philosophy of law, and the ethics of corporate governance	> Choose from a range of options, including Media Law and Employment Law

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BCL (Law and Business)
CAO Code: **MH502 LWB** | CAO Points 2024: **418**

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: Yes – subject to availability**
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & 04/H7 Mathematics*
* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB
OPC (Open Choice Option):
Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> The BCL is a three-year degree in law combined with one other subject, in this case Business - accredited by the Honorable Society of King's Inns. While the BCL covers all the core modules of law, students take less law than on the LLB (MH501), giving students more time to develop expertise in business. The main advantage is that it allows the study of law with learning in business. This combination is ideal for those who may wish to run their own practice, to work in a setting where law is applied, to work in a business itself, or to practice commercial law.

> Business is the way by which every product and service you use in daily life is developed, promoted and delivered on the global stage. This degree provides students with insights into the core functions of Business and how they interact to create value for and capture value from clients and customers.

> Law and Business students at Maynooth are offered unparalleled flexibility and choice. Students have the option of taking a four year degree with a work placement or study year abroad (subject to availability), thus combining what they learn in university with insights into industry (legal or commercial) or another culture.

> Students who successfully complete 1st year also have the option of transferring into the 2nd year of the LLB degree (MH501).

> The defining feature of this degree is the skill-set which it provides students; future employability is enhanced by developing the student's faculties for argument and reasoning, for clear thinking, for the analysis of complicated ideas and for understanding the commercial context in which the law operates.

After Graduation

> This degree combines the best elements of the University's degrees in Business and in Law to ensure students graduate with the maximum range of career options, both in Law and in Business.

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options in the commercial world such as in general management, service, IT and management organisations, consulting, journalism, policy development, the NGO sector, and national and international public administration.

> Both the School of Business and the School of Law and Criminology offer a range of postgraduate programmes for BCL (Law and Business) graduates.

Contact Us

Maynooth University School of Business, TSI Building
⌁ www.maynoothuniversity.ie/business

Maynooth University School of Law and Criminology, New House
⌁ www.maynoothuniversity.ie/law

You might also like

Course Structure

> Business is taken jointly with Law for the three years of the programme, with a wide range of business and legal subjects being studied.	> Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (**The University will support you in the search for a placement job; however, the process is competitive).	> Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB degree MH501 or 2nd year of the BBS Business and Management degree. An introductory accounting module must be taken in semester 1 of 2nd year (in the case of the latter degree).

Sample Modules

1st year	2nd year	Final year
> Core areas like Business Models and Marketing, and Criminal Law > Critical skills modules like Legal Research Methods and Managing Innovation > Practical skills through participating in mock trials	> Core areas like Company Law, Management Information Systems, and Human Resource Management > Critical skills like analysing materials in tutorials and seminars > Range of optional modules from which to choose, including Commercial Law, Project Management, and International Business	> Core areas like Property Law, Strategic Management, and Human Resource Management > Critical skills, like analysing the philosophy of law > Optional modules, including Innovation Management, Media Law, Contemporary Issues in Marketing, and Employment Law

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"My three years at Maynooth University have been transformative. I have gained a wealth of knowledge, invaluable experiences, and the opportunity to connect with a vibrant community of students through the numerous clubs, societies, and the University's lively campus life.

I've gained a solid foundation in the fundamental principles of computer science and software engineering - increasingly relevant in today's rapidly evolving, technology-driven world. The Computer Science Centre at MU has been a significant resource in my journey, offering support from dedicated volunteers who are eager to help students excel.

My work placement is a major highlight. I interned at a Fortune 500 company - a global leader in the provision of enterprise cloud applications. This experience allowed me to apply my theoretical knowledge in a practical setting, providing invaluable hands-on experience as a software developer. I also had the opportunity to participate in and deliver technology-focused presentations and panel discussions.

Now, with my internship complete, and as I embark on my final year project, I feel equipped with a strong arsenal of technological skills and experiences. Entering my final year I feel excited and confident, and I am looking forward to a successful career in the tech industry."

Eghele Mideno
MH602 BSc Computer Science and Software Engineering
(through Science) - Final Year

COMPUTER SCIENCE
Specialised Degrees

BSc Computer Science and Software Engineering (through Arts)
CAO Code: **MH601 CSA** | CAO Points 2024: **380**

Places: 70 (MH601)
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH601 degree stream

Degree Overview

> Study all the principles and uses of computers and software, as well as key areas in mathematics, a major project and a six month placement in industry.

> Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).

> You will study another Arts subject or Critical Skills with Computer Science and Mathematics in first year.

> There is a transfer pathway from 1st year MH101 Arts to 2nd year MH601 CSA Computer Science and Software Engineering (through Arts). Students must successfully complete 1st year having taken and passed at least 22.5 credits of Computer Science. There is no limit on places.

> Choosing the Arts stream of Computer Science and Software Engineering (MH601) offers additional benefits for those who may be interested in diverse fields such as the humanities, law, business, gaming, or languages. In first year, this stream allows students to study another Arts subject alongside Computer Science and Mathematics, providing a broader frame of reference. This interdisciplinary approach enhances creativity and critical thinking, making graduates well-equipped for a variety of career paths that require both technical and non-technical skills.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> You will gain practical, professional experience by working in industry as part of your degree, enhancing your career readiness and employment opportunities upon graduation.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

After Graduation

> Computing, programming and software skills are in high demand. Graphical interface design, medical imaging, video-based information systems, multimedia systems development, artificial intelligence (AI), electronic publishing, computer-assisted translation, e-learning systems development, games development, website design and development, and software development are some areas to consider.

> These skills are also valued in non-computing industries, such as financial services, business and administration, health services, and the automobile and aeronautics sectors. The broad choice of subjects to choose from in first year helps prepare students for a wider array of jobs upon graduation.

> Computer Science is a teaching subject at second level and therefore a career in education may also be possible.

> The Department offers a range of postgraduate study options which currently include MSc Computer Science (Software Engineering); MSc Data Science and Analytics; MSc/PhD Computer Science (by research), Professional Master of Education (Teaching).

Contact Us

Maynooth University Department of Computer Science, Eolas Building

↖ www.maynoothuniversity.ie/computer-science

You might also like

BSc Computational Thinking p. 104
Computer Science as a subject in Arts (MH101) p. 40
BSc Robotics and Intelligent Devices p. 115

Course Structure

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 other subject (which may include Critical Skills) from Subject Groups 1, 2, 4 or 6. See p. 32 for Subject Groups.	Concentrate on Computer Science topics only. Students also complete a minimum 6 month work placement (subject to availability).

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to computer programming > Computer systems and computer science theory > Logic systems and logic programming > Mathematics	> Algorithms and data structures > Operating systems and databases > Computer architecture > Software engineering & software process > Software testing > Introduction to UX, (UI) and Interaction design > Web information processing > Calculus and algebra	> Software design > Compilers > Networks > Verification > Complexity > Team project > Work placement (subject to availability)	> Programming language design > Computer Science Project > Elective topics (e.g. robotics, cryptography, computer vision)

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BSc Multimedia, Mobile and Web Development (through Arts)
CAO Code: **MH601 MWA** | CAO Points 2024: **380**

Places: 70 (MH601)
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics
OPC (Open Choice Option): Up to 4 weeks to decide on MH601 degree stream

Degree Overview

> Study the principles and uses of computers with an emphasis on multimedia and software for mobile apps and websites, as well as key areas in mathematics, a major project and a six month placement in industry.

> Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).

> You will study another Arts subject or Critical Skills with Computer Science and Mathematics in first year.

> There is a transfer pathway from 1st year MH101 Arts to 2nd year MH601 Multimedia Mobile and Web Development (through Arts). Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places.

> Students enjoy the huge benefit of studying another Arts subject with Computer Science in first year. This broader academic foundation gives graduates a more expansive perspective.

> This programme is targeted specifically towards students who want to work with multimedia and mobile/web development technologies. Students will also be able to work in other areas of Computer Science upon graduation.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> You will gain practical, professional experience by working in industry as part of your degree, enhancing your career readiness and employment opportunities upon graduation.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

After Graduation

> Mobile app design/development, web development, graphical interface design, multimedia systems development, electronic publishing, artificial intelligence (AI), medical imaging, video-based information systems, computer-assisted translation, e-learning systems development, games development, website design and development, and software testing/development are some areas to consider.

> These skills are also valued in non-computing industries, such as financial services, business and administration, health services, and the automobile and aeronautics sectors. The broad choice of subjects to choose from in first year helps prepare students for a wider array of jobs upon graduation.

> Computer Science is a teaching subject at second level and therefore a career in education may also be possible.

> The Department offers a range of postgraduate study options which currently include MSc Computer Science (Software Engineering); MSc Data Science and Analytics; MSc/PhD Computer Science (by research), Professional Master of Education (Teaching).

Contact Us

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You might also like

BSc Computational Thinking p. 104
Computer Science as a subject in Arts (MH101) p. 40
BSc Robotics and Intelligent Devices p. 115

Course Structure

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 other subject (which may include Critical Skills) from Subject Groups 1, 2, 4 or 6. See p. 32 for Subject Groups.	Concentrate on Computer Science, multimedia and mobile/web development. Students also complete a minimum 6 month work placement (subject to availability).

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to computer programming > Computer systems and computer science theory > Logic systems and logic programming > Mathematics	> Databases > Foundations of Media Design > Software engineering & software process > Software testing > Introduction to UX, (UI) and interaction design > Web information processing > Calculus and algebra > Multimedia technology > Algorithms and data structures	> Software design > Multimedia communications > Mobile application development > Music programming > Team project > Work placement (subject to availability) > Interactive storytelling	> Signal processing > Computer Science Project > Elective topics (e.g. robotics, cryptography, computer vision)

BSc Computer Science and Software Engineering (through Science)
CAO Code: **MH602 CSS** | CAO Points 2024: **401**

Places: 110 (MH602)	**Erasmus/Study Abroad Option:** Yes - subject to availability	**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics
Duration: 4 years	**Placement Option:** Yes – subject to availability	**OPC (Open Choice Option):**
	Mature Applicants: See p. 154	Up to 4 weeks to decide on MH602 degree stream
	QQI Link: See p. 154	
	UK, EU & International Applicants: See p. 157	

Degree Overview

> Study all the principles and uses of computers and software, as well as key areas in mathematics, a major project and a six month placement in industry.

> Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).

> You will study another science subject with Computer Science and Mathematics in first year.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH602 CSS Computer Science & Software Engineering (through Science). Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places.

> Choosing the Science stream of Computer Science and Software Engineering (MH602) is ideal for students who want to pair their study of Computer Science with Mathematics and additional science subjects.

> This stream provides a focused technical education, making it ideal for those aiming for careers that demand high levels of technical expertise and innovation in computing.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> You will gain practical, professional experience by working in industry as part of your degree, enhancing your career readiness and employment opportunities upon graduation.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

After Graduation

> Computing, programming and software skills are in high demand. Graphical interface design, medical imaging, video-based information systems, multimedia systems development, electronic publishing, artificial intelligence (AI), computer-assisted translation, e-learning systems development, games development, website design and development, and software development are some areas to consider.

> These skills are also valued in non-computing industries, such as financial services, business and administration, health services, and the automobile and aeronautics sectors. The broad choice of subjects to choose from in first year helps prepare students for a wider array of jobs upon graduation.

> Computer Science is a teaching subject at second level and therefore a career in education may also be possible.

> The Department offers a range of postgraduate study options which currently include MSc Computer Science (Software Engineering); MSc Data Science and Analytics; MSc/PhD Computer Science (by research), Professional Master of Education (Teaching).

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You might also like

Course Structure

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 Science subject (Biology, Engineering Science, Experimental Physics, Mathematical Physics).	Concentrate on Computer Science topics only. Students also complete a minimum 6 month work placement (subject to availability).

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to computer programming > Computer systems and computer science theory > Logic systems and logic programming > Mathematics	> Algorithms and data structures > Operating systems and databases > Computer architecture > Software engineering & software process > Introduction to UX, (UI) and interaction design > Web information processing > Calculus and statistics	> Software design > Compilers > Networks > Verification > Complexity > Team project > Work placement (subject to availability)	> Programming language design > Computer Science Project > Elective topics (e.g. robotics, cryptography, computer vision)

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BSc Multimedia, Mobile and Web Development (through Science)
CAO Code: **MH602 MWS** | CAO Points 2024: **401**

Places: 110 (MH602)
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics
OPC (Open Choice Option):
Up to 4 weeks to decide on MH602 degree stream

Degree Overview

> Study all the principles and uses of computers with an emphasis on multimedia and software for mobile apps and websites, as well as key areas in mathematics, a major project and a six month placement in industry.

> Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).

> You will study another science subject with Computer Science and Mathematics in first year.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH602 MWS Multimedia, Mobile and Web Development. Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places.

> Students enjoy the huge benefit of studying another science subject with Computer Science in first year. This lends graduates a wider frame of reference.

> The program is specifically tailored for students aiming to work with multimedia and mobile/web development technologies. Graduates will gain the skills to pursue various other fields within Computer Science.

> The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> You will gain practical, professional experience by working in industry as part of your degree, enhancing your career readiness and employment opportunities upon graduation.

> We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Centre, extensive assistance during practical work and we are available outside of lectures to help our students.

After Graduation

> Computing, programming and software skills are in high demand. Graphical interface design, medical imaging, video-based information systems, multimedia systems development, electronic publishing, artificial intelligence (AI), computer-assisted translation, e-learning systems development, games development, website design and development, and software development are some areas to consider.

> These skills are also valued in non-computing industries, such as financial services, business and administration, health services, and the automobile and aeronautics sectors. The broad choice of subjects to choose from in first year helps prepare students for a wider array of jobs upon graduation.

> Computer Science is a teaching subject at second level and therefore a career in education may also be possible.

> The Department offers a range of postgraduate study options which currently include MSc Computer Science (Software Engineering); MSc Data Science and Analytics; MSc/PhD Computer Science (by research), Professional Master of Education (Teaching).

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You might also like

Course Structure

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 Science subject (Biology or Engineering Science, Experimental Physics, Mathematical Physics)	Concentrate on Computer Science and mobile/web development topics. Students also complete a minimum 6 month work placement (subject to availability).

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to computer programming > Computer systems and computer science theory > Logic systems and logic programming > Mathematics	> Databases > Foundations of Media Design > Software engineering & software process > Software testing > Introduction to UX, (UI) and interaction design > Web information processing > Calculus and statistics > Multimedia technology > Algorithms and data structures	> Software design > Multimedia communications > Mobile application development > Music programming > Team project > Work placement (subject to availability) > Interactive storytelling	> Signal processing > Computer Science Project > Elective topics (e.g. robotics, cryptography, computer vision)

BSc Computational Thinking
CAO Code: **MH603** | CAO Points 2024: **577**

Places: 10
Duration: 3 years

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & H2 Mathematics

Degree Overview

> Study Computer Science, Mathematics and Philosophy in an accelerated three-year Bachelor of Science degree.

> Learn how to combine human creativity with the power of computers to solve problems.

> Examine the essentials of theoretical computer science and their mathematical foundations.

> Students have the option of undertaking a 1-year work placement or study abroad between 2nd and 3rd year (subject to availability).

> Acquire a deep understanding of the foundations of computation and information theory and gain advanced practical knowledge of programming in multiple languages.

> Study pure mathematics to hone your problem-solving skills, logical reasoning and analytical abilities, while gaining deep insight into principles that underlly mathematical thought.

> The Department of Computer Science is located in the Eolas Building, a state-of-the-art ICT hub with dedicated business incubation facilities. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work. The Department of Mathematics and Statistics is located in Logic House on the South Campus.

After Graduation

> Our BSc in Computational Thinking has been specifically designed to answer calls from industry for graduates with strong analytical competence, problem-solving skills and the ability to think critically.

> Graduates enjoy outstanding career opportunities across a range of areas such as software development, machine learning, data science, mathematical and financial modelling, bioinformatics, cryptography, security and AI.

> Postgraduate study may include MSc Computer Science (Software Engineering), MSc in Data Science and Analytics, PhD Computer Science (Research), PhD Mathematics, PhD Statistics/Data Science.

Contact Us

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Computer Science, Eolas Building
➤ www.maynoothuniversity.ie/computer-science

Maynooth University Department of
Mathematics and Statistics, Logic House
➤ www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

Computer Science as a subject in Arts (MH101) p. 40
Computer Science as a subject in Science (MH201) p. 72
BSc Data Science p. 142

Course Structure

1st year	2nd year	Final year	Programming languages
> 4 modules in Computer Science > 6 modules in Mathematics > 2 modules in Logic and Philosophy	> 6 modules in Computer Science > 4 modules in Mathematics > 2 modules in Philosophy You will have the option of undertaking a 1-year work placement or study abroad after 2nd year (subject to availability).	6 compulsory Computer Science and Mathematics modules including a project are complemented by 6 optional modules chosen from among the 3 core disciplines.	> **1st year:** Python, Java, SQL > **2nd year:** C, R, Haskell > **Final year:** language choice in projects of choice

Sample Modules

1st year	2nd year	Final year
> Computer Science (Algorithms, Data Structures, Operating Systems) > Mathematics (Calculus, Algebra, Geometry, Analysis) > Philosophy (Logic, AI)	> Computer Science (Programming Languages, Computation, Complexity) > Mathematics (Analysis, Group Theory) > Philosophy (Epistemology, Analytical Philosophy)	> Programming Language Semantics, > Group Theory, Differential Geometry, Topology > Selected topics from Computer Science, Mathematics and Philosophy

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"I graduated in 2018 and I look back very fondly on my time in MU due to both the educational and social experiences that I had there.

I chose Biology and Chemistry as my subjects. During the degree I completed three school placements along with studying a science degree. Having completed the BSc (with Education) allowed me to go straight into year two of the Professional Master of Education. This was when I completed a final school placement.

The teaching placements along with the expert teaching provided by the academic staff at MU pushes all future teachers to reach their full potential. The learning experiences that I had during my time at MU shaped the teacher that I am today. The small class sizes in Science (with Education) were invaluable in making connections, many of which have turned into lifelong friendships. I developed exceptional professional skills that I use daily and which are testament to the quality of learning in this degree programme."

Emily Brady
Biology Teacher
MH212 BSc Science (with Education) Graduate
PME (Professional Master of Education - Secondary)

EDUCATION
SPECIALISED DEGREES

BEd Bachelor of Education – Froebel Primary Teaching
CAO Code: **MH001/MH002^** | CAO Points 2024: **507 (MH001)**

Places: MH001: 68
Duration: 4 years

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: Required
Mature Applicants: Must apply before the 1st February. See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate Applicants to MH001: 3H5 & 3O6/H7 grades. Required minimum grades are Irish H4, English O4/H7 and Mathematics O4/H7. **Leaving Certificate Applicants to MH002:** see below.

Note: An offer of a place on MH001/MH002 is subject to a satisfactory background check by the National Vetting Bureau. In the case of MH001/MH002, prior to entry, candidates are required to complete a Health Status Information Form.

^MH002 is another application route for students who reside in officially designated Gaeltacht Language Planning areas and who use Irish as the normal language of the home (applicants must include their Eircode when applying to MH002). Applicant details will be forwarded to the Department of Education to determine eligibility for this route. Minimum entry requirements for MH002: as per MH001 above apart from the LC points requirement and the H3 Irish requirement.

Degree Overview

> There are two routes into primary teaching: the undergraduate Bachelor of Education (BEd) route and the two-year postgraduate Professional Master of Education (PMEd) route (see the Graduate Studies website for full details about this course). The BEd degree and the PMEd are designed for students who wish to become primary school teachers within the Republic of Ireland (both qualifications may offer the opportunity to work in many countries internationally).

> Child-centred and active approaches to teaching are central to the Froebel philosophy and permeate the ethos in the Department.

> The foundation disciplines of Psychology, Philosophy, Sociology and History of Education form the theoretical basis for this degree.

> Education modules and school-based practice within a variety of placement settings feature across all four years, as well as a placement in the Gaeltacht for two fortnight blocks at Easter in second and third year.

> As the Froebel Department is named after the famous educational philosopher, Friedrich Froebel, our programmes reflect his ideology by incorporating active, student-centred approaches to our teaching. Studying primary education at the heart of a major university, students enjoy intellectual stimulus and social interaction with professors and students from other disciplines.

After Graduation

> Graduates are eligible to register with the Teaching Council and are qualified to teach in primary schools in Ireland.

> Some graduates move into employment areas such as volunteering in developing countries, authoring of educational texts, third level teacher education and the civil service.

> Further training: the Department offers a range of postgraduate study options.

Contact Us

Maynooth University Froebel Department of Primary and Early Childhood Education, School of Education

www.maynoothuniversity.ie/froebel-department-primary-and-early-childhood-education

You might also like

BA Early Childhood - Teaching and Learning (full-time) p. 109
BA Early Childhood - Teaching and Learning (flexible) p. 110
Bachelor of Arts degree p. 30
PMEd Professional Master of Education (Primary): Students apply for this postgraduate course once they have completed their undergraduate degree. See the Graduate Studies website for more details.

Course Structure & Sample Modules

1st year	2nd year	3rd year	Final year
> Teacher as Learner	> Placement Learning 2	> Placement Learning: Teacher as Change Agent	> Placement Learning 4: Teacher as Professional
> Placement Learning 1	> Foundation Studies	> Foundation Studies	> Foundation Studies
> Foundation Studies	> Curriculum and Methodology	> Including Every Child	> Challenges in Pupil Care
> Curriculum and Methodology	> Social Construction of Identity	> Curriculum, Methodology and Assessment	> Curriculum, Methodology and Assessment
> Teanga 1 & 2	> Including Every Child	> Language, Mathematics and Scientific Enquiry Across the Curriculum	> Digital Learning across the Curriculum
> Mathematics and Scientific Enquiry	> Teanga 3 & 4	> Think Globally Teach Locally	> Numeracy
> Personal and Professional Skills for Teaching and Learning	> Mathematics and Scientific Enquiry	> Professional and Personal Skills for Teaching and Learning	> Professional and Personal Skills for Teaching and Learning: Research in Schools
> Competencies in Mathematics and Languages	> Personal and Professional Skills for Teaching and Learning	> Students may choose from a range of electives such as: Mindfulness, Storytelling Theatre for the Classroom, Working with Parents, Picturing the Past, Restorative Practice	> Cumas na Gaeilge
> Educational Foundations of Religious Education	> Competencies in Mathematics and Languages		> Maths Competency
	> Educational Foundations of Religious Education		> Students may choose from a range of electives such as: Learning Together, Primary Science, Choral Conducting, Modern Foreign Language in the Primary School, Restorative Practice, The Wonder of Stories

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BA Early Childhood Teaching and Learning (full-time)
CAO Code: **MH003** | CAO Points 2024: **389**

Places: 45 **Duration:** 4 years (full-time)	**Erasmus/Study Abroad Option:** Yes - subject to availability **Placement Option:** Placement is required (420 hours per academic year) **Mature Applicants:** See p. 154 **QQI Link:** See p. 154 **UK, EU & International Applicants:** See p. 157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English

Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

Degree Overview

> Full time, level 8, honours degree, catering for those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate, further education or mature student paths. Those currently working in the ECEC sector may be interested in the flexible BA in Early Childhood Teaching and Learning (MH004 - see p. 110).

> The programme is closely linked with Early Childhood Education and Care (ECEC) practice, and staff are experienced in the development, delivery and advocacy of Early Childhood Education and Care.

> Work placements take place in Tusla-notified Early Childhood Education and Care settings.

> It is a progressive level 8 degree, supporting the development of outstanding early childhood educators.

> Students can graduate with a level 7 qualification after 3rd year or a level 8 qualification after 4th year.

> This degree offers graduates the option of progressing their careers in Early Childhood Education and Care in varied professional roles.

After Graduation

> Graduates emerge as early years teaching professionals. Career progression within this sector, for those with a level 7 or level 8 Childhood degree, is expanding rapidly within and beyond Early Childhood Education and Care settings to include opportunities within policy development and evaluation agencies within government departments, semi-state bodies and NGO's.

> The Bachelor of Arts in Early Childhood Teaching and Learning positions graduates to spearhead and lead learning in Early Childhood Education and Care services.

> Graduates may also take up roles with local development agencies within the early childhood sector both nationally and internationally.

> The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Froebel Department of Primary and Early Childhood Education, School of Education

➤ www.maynoothuniversity.ie/froebel-department-primary-and-early-childhood-education

You might also like

PMEd Professional Master of Education (Primary): This is a postgraduate route into primary teaching. Students apply for this postgraduate course once they have completed their undergraduate degree. See Graduate Studies website for more details.

BEd Bachelor of Education - Froebel Primary Teaching p. 108

Course Structure

> This full-time degree will prepare you for a range of leadership roles in the Early Childhood Education and Care (ECEC) sector. Lectures are 3 days a week and students spend 2 days a week in settings (for example, in 2023-2024 it was Monday and Friday in settings and Tuesday to Thursday in lectures).

Sample Modules

1st year	2nd year	3rd year	Final year
> Reflective Practice: Educator as Learner > Introduction to Child Psychology > Introduction to Social and Legal Studies > Introduction to Curriculum and Pedagogy > Health and Well-being for Infants and Toddlers > Inclusion in Early Childhood Education > Philosophy, Culture and Constructs of Early Childhood Education and Care > Professional Practice 1	> Reflective Practice: Integrating Theory & Practice > Learning & Development Practices (Birth to 6 years) > Play > Health and Well-Being for Young Children > Children's Spaces > Building Relationships with Children, Families and Communities > Exploring Curricula & Pedagogy > Professional Practice 2	> Reflective Practice: Educator as Change Agent > Learning & Development in Context > Social Justice, Ethics & Diversity > Supporting Creativity & Imagination > Social & Legal Context of Childhood > Community as Context > Supporting Enquiry/Enacting the Curriculum > Professional Practice 3	> Reflective Practice: Educator as Action Researcher > Learning & Development: Challenges > Leadership and Management > Transitions in the Early Years > Dominant Discourses in Early Childhood Education and Care > Curriculum, Pedagogy and Assessment > Literacy Numeracy and Scientific Enquiry > Professional Practice 4

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BA Early Childhood – Teaching and Learning (flexible)
CAO Code: **MH004** | CAO Points 2024: **Not applicable**

Places: 30
Duration: 4 years (flexible)
Applicants with a level 6 qualification in Early Childhood Education and Care may apply for exemption from year 1.

Erasmus / Study Abroad Option: No
Placement option: Placement is required (420 hours per academic year)*
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Entry requirement: Level 6 Early Childhood award

Please note that MH004 BA Early Childhood Teaching & Learning (flexible) will run subject to sufficient numbers in 2025. A decision on September 2025 intake will be made in May 2025. For more details please contact the Department.

Please note that applications for the BA Early Childhood - Teaching & Learning (flexible) degree (CAO Code MH004) must be made through the Advanced Entry portal on the CAO application website.

Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

Degree Overview

> Flexible, level 8 honours degree, catering for those currently working in the ECEC sector. Those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate or further education paths may be interested in the full-time programme MH003.

> The Bachelor of Arts in Early Childhood Teaching and Learning is a progressive Level 8 degree, supporting the development of outstanding early childhood educators.

> The programme is closely linked with Early Childhood Education and Care practice, and its lecturers are experienced in the development, delivery and advocacy of Early Childhood Education and Care.

> *Work placements take place in Tusla-notified Early Childhood Education and Care settings. Those working in the sector may use their workplace as their placement setting. However, short, alternative placements are also required each year.

> Applicants with full level 6 qualification in ECEC are exempt from 1st year.

> Students can graduate with Level 7 qualification after 3rd year or Level 8 qualification after 4th year.

> This degree offers graduates the option of progressing their careers in varied professional roles.

After Graduation

> Graduates emerge as early years teaching professionals. Career progression within this sector for those with a level 7 and 8 Early Childhood degree is expanding rapidly within and beyond Early Childhood Education and Care settings to include opportunities within policy development and evaluation agencies within government departments, semi-state bodies and NGO's.

> This degree positions graduates to spearhead and lead learning in Early Childhood Education and Care settings.

> The Department offers a range of postgraduate study options.

Contact Us

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of Primary and Early Childhood Education,
School of Education Building

www.maynoothuniversity.ie/froebel-department-primary-and-early-childhood-education

You might also like

PMEd Professional Master of Education (Primary): This is a postgraduate route into primary teaching. Students apply for this postgraduate course once they have completed their undergraduate degree. See Graduate Studies website for more details.

Course Structure

> This flexible degree will prepare you for a range of leadership roles in the Early Childhood Education and Care (ECEC) sector

Sample Modules

1st year	2nd year	3rd year	4th year
> This programme is designed for Early Years Educators working in early childhood education and care settings. > Applicants with a Level 6 qualification in Early Childhood Education and Care may apply for exemption from year 1. > Those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate or further education paths may be interested in the full-time programme MH003.	> Reflective Practice: Integrating Theory and Practice > Early Childhood Learning & Development: Practices (birth – 6yrs) > Building Relationships with Children, Families and Communities > Exploring Curricula & Pedagogy: Supporting Enquiry > Children's Health & Well-being > Social & Legal Context of Early Childhood > Play > Professional Development and Professional Placement 2	> Reflective Practice: Educator as Change Agent > Early Childhood Learning & Development in Context (birth – 6yrs) > Inclusive Practices for Children and Families > Supporting Creativity and Imagination > Language and Literacy in Early Childhood > Pedagogical Documentation & Assessment > Establishing Quality Indoor and Outdoor Environments in Early Childhood > Professional Development and Professional Placement 3	> Reflective Practice: Research and Methodology > Early Childhood Learning & Development Challenges birth – 6yrs > Leadership & Management in Early Childhood Education & Care > Social Justice, Ethics and Diversity > Transitions in Early Childhood Education & Care > Dominant Discourse/Global Perspectives in Early Childhood Education & Care > STEAM in Early Childhood Education & Care > Professional Development and Professional Placement 4

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

BSc Science or BSc Mathematics and Computer Science or BSc Mathematics (with Education)
CAO Code: MH212 SED or MCS or MED | CAO Points 2024: 420

Places: 65 (MH212)
Duration: 4 years + 1 year postgraduate study

Erasmus/Study Abroad Option: No
Placement Option: Placement is required
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics*

OPC (Open Choice Option): Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

*Students admitted to MH212 are required to have H4 Mathematics to register for MCS or MED.

Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

Degree Overview

There are three MH212 streams – students choose one stream and have up to four weeks following registration to decide.

> **MH212 SED:** If you are interested in a career as a second-level science and/or mathematics teacher, this may be the degree for you.

> **MH212 MCS:** If you are interested in a career as a second-level mathematics and computer science teacher, this may be the degree for you.

> **MH212 MED:** If you are interested in a career as a second-level mathematics and applied mathematics teacher, this may be the degree for you.

> **Students take a five year route to second-level teaching studying a four-year Science/Mathematics/Computer Science degree, while also completing 60 credits in Education.**

> **After four years students are awarded a BSc Science (with Education) or BSc Mathematics and Computer Science (with Education) or BSc Mathematics (with Education) degree – a level 8 honours degree. Students now have two pathways open to them:**

1. **Students can choose to exit their studies with their level 8 qualification and take a different path in their education or career.**

   OR

2. **Students can continue with their studies to become a fully qualified teacher. This means they complete one further year of study at postgraduate level - necessary to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with their level 8 degree, students are guaranteed their place in this postgraduate year.**

> **At the end of year five of their studies, students graduate as:**

- **MH212 SED:** fully qualified second-level science and/or mathematics teacher, up to Leaving Certificate level.

- **MH212 MCS:** fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level.

- **MH212 MED:** fully qualified second-level mathematics and applied mathematics teacher up to Leaving Certificate level.

- **Through this pathway students are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point below).**

> **An alternative six-year route to second-level teaching is available. Students can take the BSc Bachelor of Science degree (MH201) for four years and then apply for a place on the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.**

After Graduation

> **MH212 SED:** depending on the subjects chosen during the course of the degree, graduates will be in a position to teach any two of the following subjects to senior cycle level (HL): mathematics, biology, chemistry, physics.

> **MH212 MCS:** fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level.

> **MH212 MED:** fully qualified second-level mathematics and applied mathematics teacher up to Leaving Certificate level.

Graduates apply to the Teaching Council of Ireland for registration.

Contact Us

Maynooth University Department of Education, School of Education

www.maynoothuniversity.ie/education

You might also like

BSc Bachelor of Science p. 68

Up to 2 places each year may become available in MH212 for students successfully completing their first year of MH201. Availability and selection will be on the basis of first year results and dependent on programme capacity.

Course Structure

> After four years of concurrent Science and Education studies, students may graduate with a Level 8 honours degree in Science/Mathematics/Computer Science (with Education)	> To become a fully qualified science/mathematics/computer science teacher, students must complete a fifth year of study at Master's level – the Professional Master of Education	> Once students reach the required standards after 4th year, the place in 5th year is guaranteed

Sample Modules

1st year	3rd year	4th year	Final year
> Biology > Chemistry > Experimental Physics > Mathematics > Computer Science **2nd year** > Continue with any 2 of your 1st year Science subjects > Introduction to Teaching – Critical Reflection on Science and Mathematics Teaching and Learning including school-based experience in semester two > Foundations of Education	> Continue with your 2 Science subjects (40 credits) > School-based experience (1 day per week) > Learning, Teaching, Assessment and Curriculum > Global Citizenship Education > Critical Reflections on Science and Mathematics Teaching and Learning	> Continue with your 2 Science subjects (40 credits) > School-based experience 3 (2 week block in September and 1 day per week in semester 1) > The Teacher as Critically Reflective Practitioner > Inclusion, Diversity and Special Needs Education > Critical Reflections on Science and Mathematics Teaching and Learning	> School-based experience 4 (3 days per week in school) > Teaching, Learning, Assessment and Curriculum: The Practice of Teaching > Becoming a Teacher > Lesson Study Research Project

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Conor Flannery knew Maynooth University was right for him when he attended an open day. The college, the town and the people he met that day made him feel at home immediately. Little did he know, this decision would lead to him to meet his wife and establish his company's first office in the MaynoothWorks Business Incubation Centre (BIC), located in the Eolas building on campus.

Conor always enjoyed mathematical and science subjects, and had a knack for technology, so studying Electronic Engineering was a natural step. In the Engineering Department he found a close-knit community which fostered positive relationships, and being treated as an equal by lecturers had a profound impact on him.

During his third year, Conor was selected for the Accenture internship programme, assigned to work for An Garda Síochána. He was offered a job after graduation and spent five years with Accenture as a Technology Consultant with the Gardaí. After Accenture, he worked as a cybersecurity consultant for Integrity360 advising some of the largest banks in Ireland.
Accenture introduced him to many talented people he considered mentors, and it's where he met the co-founders of his current business, Cytidel.

Conor Flannery
MH304 BE Electronic Engineering and Computers
Co-Founder and CTO at Cytidel

ELECTRONIC ENGINEERING
SPECIALISED DEGREES

BE Bachelor of Electronic Engineering
CAO Code: **MH304** | CAO Points 2024: **355**

Places: 40
Duration: 4/5 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes - subject to availability (year 4 of 5 year programme)
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, Physics with Chemistry or Technology) & H4 Mathematics.
Applicants under 23 years of age must have at least 350 points.

Engineering Scholarship: W.A. Barrett Scholarship in Engineering
The W.A. Barrett Scholarship in Engineering at Maynooth University was established in 2023 through the generosity of Earthridge International and the Barrett family to commemorate the late William Anthony (Tony) Barrett. The scholarship provides €3,000 to eligible first year students taking a Level 8 course that is accredited by Engineers Ireland at Maynooth University. Two scholarships are available for MH304/MH306 Engineering students.
www.mu.ie/scholarships

Degree Overview

> **MH304 Bachelor of Electronic Engineering is accredited by Engineers Ireland and is recognised internationally. The five year Master of Engineering (MEng) in Electronic Engineering at Maynooth University is accredited by Engineers Ireland and meets the educational standard required to become a chartered engineer.**

> **In MH304 Electronic Engineering, students take Engineering fundamentals, Mathematics modules and start their first Problem Based Learning Project in 1st year, with projects in all proceeding years of the degree.**

> **In 4th year, students specialise in one of the following three options:**
  -Electronic Engineering with Computers (COE)
  -Electronic Engineering (EEG)
  -Electronic Engineering with Communications (COM)

> **Students who achieve a 2.2 grade (50%) minimum in 3rd year may choose the MEng stream. These students have the option in 4th year to complete one of the following: 6 month industry work experience / Erasmus or Research Internship or Project (subject to availability).**

> **Electronic Engineering at Maynooth University has developed world-class expertise in the area of mobile communications, radio and wireless communications, biomedical engineering research, dynamics and control research, wave energy research, and robotics. Each of these areas is matched to rapidly growing industries and excellent job opportunities. By bringing this deep knowledge to all the undergraduate programmes, we provide our graduates with a world-class electronic engineering education but also a head start in these exciting and developing areas.**

After Graduation

> MH304 Electronic Engineering graduates are highly sought-after in a wide range of ICT, engineering and non-engineering roles. Automotive, health, education, business and finance are all examples of activities now dependent on electronic engineering. Maynooth University engineering graduates are equipped to work in silicon chip manufacturing and design, communications companies and in the development of products closely combining hardware and software.

> Beyond electronic engineering, MH304 graduates have the software skills to work in most software companies, and the problem solving and mathematical skills for many roles in the financial, consultancy and management sectors.

> The Department offers a range of postgraduate programmes.

> MH304 Electronic Engineering graduates are highly sought-after in a wide range of engineering and non-engineering roles.

Contact Us

Maynooth University Department of Electronic Engineering, Engineering & BioScience Building

➤ www.maynoothuniversity.ie/electronic-engineering

Course Structure

In response to consultation with our industry advisory board, this programme offers Project Based learning throughout

1st & 2nd year	3rd year	4th year	
Students take Engineering fundamentals, Mathematics modules and start their first Problem Based Learning Project.	3rd year students complete a selection of taught modules (5 credits each) over semester 1 & 2, and a PBL (Project Based Learning) module in semester 2. Students have two progression routes out of the programme to qualification, depending on their grade average in third year.	In fourth year students specialise in one of the following three options, completing their degree with a BE honours: > Electronic Engineering with Computers (COE) > Electronic Engineering (EEG) > Electronic Engineering with Communications (COM)	**OR** Students with a minimum of 2:2 grade (50%) in 3rd year may complete a further 2 years to graduate with an ME in Electronic Engineering. Work experience is available to students in the 4th year of the 5 year Masters. Students may alternatively choose Erasmus, Study Abroad or a Research Internship or Project (subject to availability).

Sample Modules

1st year	2nd year	3rd year	4th year BE Option
> Electronic Fundamentals > Statics & Dynamics > Mathematics > Physics > Programming > Systems & Control > Project Based Learning	> Analogue Electronics > Telecommunications > Mathematics > Digital Systems > Programming > Electric Circuits > Project Based Learning (with Business Planning)	> Signals & Systems > Mathematics > Software Engineering > Embedded Real-Time systems > Control System Design > Community Based Project (PBL – Project Based Learning)	Select a stream. Set list of modules in each stream: > Electronic Engineering > EE with Computers > EE with Communications > Large Project

4th year – ME option		5th year - ME option	
Select a stream. Set list of modules in each stream: > Electronic Engineering > EE with Computers > EE with Communications	Plus: select from 1 of the following in semester 2 > Research Project > Erasmus or Study Abroad > Work placement (all subject to availability)	> Advanced Wireless Communications > Design of Experiments & Data Analysis > Biomedical System Instrumentation > Robotics & Embedded Systems	> Large Project completed over semester 1 & 2 > Electromagnetic Emissions > Optimization Theory > Advanced Real Time Systems > Advanced Digital System Processing

Topics listed are subject to change; individual modules may not be offered in a particular year.

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BSc Robotics and Intelligent Devices
CAO Code: **MH306** | CAO Points 2024: **350**

Places: 35
Duration: 4 years

Erasmus/Study Abroad Option: No
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O3/H7 Mathematics

Degree Overview

> The Robotics and Intelligent Devices programme focuses on the design, implementation, and use of intelligent physical things including robots, autonomous vehicles, smart sensors, and internet-of-things devices. It is accredited by Engineers Ireland and internationally recognised.

> Blending Electronic Engineering and Computer Science, the programme focuses on adding intelligence to everyday systems and developing robots that can collaborate and interact with humans and our environment. Throughout the programme students have the opportunity to work with multiple robotic and intelligent device platforms in well equipped labs.

> With a problem-based learning approach and substantial projects throughout the programme, students can build a compelling portfolio of projects to show potential employers. In addition to practicing skills in hardware and software analysis and design, experiential learning through projects equips students with key skills in technical and non-technical communication, teamwork, engineering management, and evaluation of impact.

> The programme is ideally suited to students who want to make a difference in areas such as health and wellbeing, assistive living, smart agriculture, smart manufacturing, retail, hospitality, and many others, through robotics and intelligent device based technologies and solutions.

After Graduation

> The development of Robotics, AI, and intelligent device technologies is progressing at a rapid pace and creating demand for new skills. Employment opportunities may be found in sectors such as manufacturing, food science, pharmaceuticals, healthcare, energy, communications, research and less obvious areas such as finance.

> Possible graduate roles may include robotics engineer, software engineer/developer, embedded systems engineer/developer, intelligent systems architect and intelligence analyst.

> Students of this programme will benefit from a work placement opportunity in their 3rd year and a portfolio of projects to show to potential employers.

> Once a student has completed the degree in Robotics and Intelligent Devices they may continue their education in Maynooth, or elsewhere, through postgraduate studies and PhD programmes.

Engineering Scholarship

W.A. Barrett Scholarship in Engineering

See p. 24 for more information

Contact Us

Maynooth University Department of Electronic Engineering, Engineering & BioScience Building

www.maynoothuniversity.ie/electronic-engineering

You might also like

Course Structure

1st year	2nd & 3rd year		Final year
> Students take a range of modules covering mathematics, physics, programming, electronic fundamentals and project work	> Over these 2 years you will develop a strong basis in robotics and intelligent devices > Complete a work placement (subject to availability) or a design challenge in third year.	> Students are encouraged to compete in high profile robot competitions and other competitive challenges	> Students choose between robotics and intelligent device thematic large projects

Sample Modules

Substantial team projects in each of the first 5 semesters with key modules in computing and embedded systems, systems and control, machine learning, and robotics.

1st year	2nd year	3rd year	Final year
> Electronic Fundamentals > Statics & Dynamics > Mathematics > Physics > Programming > Systems & Control > Project Based Learning	> Computing for Engineers > Analogue Electronics > Intelligent and Connected Machines in Society > Sensors and Signals > Mathematics > Programming (C++) > Algorithms and Data Structures 1+2 > Operating Systems > System Dynamics	> Software Engineering > Systems and Signals > Embedded Real-time Systems > Control System Design > Mathematics > Robotics and Automation > 6 month work placement or Design Challenge (subject to availability)	> Digital Signal Processing > Computer Control Systems > Machine Learning and Neural Networks > Computer Communications Networks > ASIC, FPGA and High Performance Systems > Autonomous Mobile Robotics > Robotic actuation and sensing > Computer Vision > Large Project

Topics listed are subject to change; individual modules may not be offered in a particular year.

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"I chose Product Design because it provides exposure to a variety of study areas including engineering, business, marketing, and design. This interdisciplinary approach allows graduates to carve their own career paths after graduation. Additionally, the program includes a six-month internship or an Erasmus year during the third year, providing valuable industry experience.

Throughout my degree, I participated in several live projects with well-known external companies such as ESB and Combilift. These experiences allowed me to work alongside clients, solving real-world business challenges. Many of my classmates continued in graduate roles within their companies.

After completing my degree, I joined Trulife, an international niche medical device company, as a CAD technician. Within a year, I was promoted to design lead in the Custom Breastcare division. I also pursued a full-time Master's in strategy at Maynooth University to reroute my skill focus to business and strategic marketing. Upon completion, I transitioned to the role of R&D engineer at Trulife, where I worked on new project development, management, and technical marketing of products.

In 2024, I returned to Maynooth University as a demonstrator, guiding second year students in a design brief project."

Caoimhe Galligan
MH305 BSc Product Design and Innovation Graduate (2021)
MSc Strategy and Innovation Graduate (2024)
R&D Medical Device Engineer, Trulife

HUMANITIES AND SOCIAL SCIENCES
SPECIALISED DEGREES

BMus Bachelor of Music
CAO Code: MH103 | CAO Points 2024: Not applicable

Places: 25
Duration: 3 years (4 years with optional Erasmus/ Study Abroad)

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: Yes - see p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & 3rd language. *Restricted-application course – apply to the CAO by February 1st.

Degree Overview

> Exciting and varied programme of practical, compositional and academic work.

> Studying Music at Maynooth offers unparalleled choice and expertise. Our programmes are designed to ensure a broad and firm grounding in practical, compositional and academic work, with expanded opportunities to specialise in areas that most interest our students in their final year - performance, composition or musicology. Some of the modules available include 'Opera in Context' and 'Popular Music Studies'. Students also join ensembles such as the Chamber Choir, Choral Society and the Traditional Music Ensemble.

> Students develop performance skills through individual tuition and take an active part in one of the Department's vocal or instrumental ensembles.

> Creative potential is developed through studies of electroacoustic composition, Irish traditional music, ethnomusicology, jazz and popular music, music therapy, the classical repertoire.

> Critical and analytical skills are developed through modules in analysis, musicology and music history.

After Graduation

> Music teacher, choral director, church organist/director of music, music librarian, orchestral/session musician, composer/arranger.

> Arts administration, multimedia, music industry, music journalism, music publicity and recording, radio production and presentation.

> Management consultancy and information technology.

> The Department of Music offer a range of postgraduate courses.

*MH103 is a CAO restricted-application course. Prospective students must complete an online video audition. Applicants must be able to demonstrate, during the audition, a minimum of Grade 6 standard (ABRSM, RIAM, Trinity College London) on a standard orchestral instrument (excluding percussion), piano, organ, classical guitar, voice or saxophone, or a minimum of Grade 6 standard (Rockschool, Trinity College London) on bass, drums, vocals, keyboard or guitar (electric or acoustic). Traditional Irish instrumentalists and musical theatre vocalists of a comparable fluency are also invited to audition. Please see further details on the Department of Music website. Applicants to MH103 will be sent full details on the assessment process in March annually by the Department of Music. Offers will be made to successful applicants in May, subject to students attaining matriculation requirements in the Leaving Certificate or equivalent examination.

Contact Us

Maynooth University Department of Music,
Logic House
➤ www.maynoothuniversity.ie/music

You might also like

Course Structure

1st year	2nd & Final year	
> 45 credits of Music > Choose 1 other subject, which may include Critical Skills, from Subject Groups 1, 3, 4 or 6. See p. 32	> Concentrate on Music only > Students may apply to study overseas after 2nd year (on Erasmus or Study Abroad) and graduate with a BA (International) after 4 years. See the International Office website for details.	> Optional 10 credit Elective in 2nd year (see p. 21 for details)

Sample Modules

1st year	2nd year	Final year
> Performance (solo and ensemble) > Music history and culture > Music theory and aural skills > Orchestration	> Performance (solo and ensemble) > Music history; film music; music's cultural and social roles > Composition > Music technology	> Performance (solo and ensemble) > Music history, culture, theory and analysis > Music therapy > Final year project or performance > Orchestration, arrangement and composition

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

BA Psychology
CAO Code: **MH106** | CAO Points 2024: **532**

Places: 25
Duration: 3 years (4 years with optional Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: Yes - see p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & 3rd language

Degree Overview

> This degree is accredited by the Psychological Society of Ireland (PSI).

> Psychology is the scientific study of mental life and behaviour. It involves areas such as Brain and Behaviour, Social Psychology, Cognitive Psychology, Developmental Psychology and Psychological Research Methods.

> Students take Psychology along with two Arts subjects in first year, concentrating on Psychology only in second and third year.

> This degree is for students who are interested in studying the human mind and behaviours with the rigours of scientific testing.

> Students use research methods including observation, measurement, hypothesis testing, experimentation, logical inference and statistical analysis.

> For those with an ambition to have a career as a professional psychologist, this PSI-accredited degree opens up a variety of further study and career paths.

After Graduation

> A variety of career paths are available, both within and outside psychology: for students who aim to pursue a career as a professional psychologist, an undergraduate degree is the first stage in professional training that will require an additional two to six years of study and supervised experience.

> Examples of professional psychologists include:
  - Clinical Psychologists, who work in healthcare settings;
  - Educational Psychologists, who work in schools;
  - Organisational Psychologists, who work in business and work settings.

> A variety of career paths outside of psychology are also open to graduates. Some graduates choose to pursue postgraduate conversion courses in different fields of interest.

Contact Us

Maynooth University Department of Psychology, John Hume Building

➤ www.maynoothuniversity.ie/psychology

You might also like

Psychological Studies in Arts (MH101) p. 62
BSocSc Social Science p. 120
BSc Psychology p. 144

Course Structure

1st year	2nd & 3rd year	
> Psychology plus 2 other subjects, 1 of which may be Critical Skills in 1st year – choose from Subject Groups 1, 3, 4, 5 on p. 32 (maximum one per group)	> At the end of 1st year, students who do not wish to continue with MH106 have the option of transferring to the Bachelor of Arts degree (MH101) and continuing with their other 2 Arts subjects, or with Psychological Studies and another subject as a Double Major	> Students who remain in MH106 concentrate on Psychology in 2nd and 3rd year > Option of an Elective in 2nd year

Sample Modules

1st year	2nd year	Final year
> Introduction to Biological, Cognitive, Social and Developmental Psychology and Individual Differences > Introduction to Research Design and Analysis in Psychology > Introduction to Practical Experimental Psychology	> Cognitive Psychology, Developmental Psychology and Brain and Behaviour > Professional Issues and Considerations in Psychology > Practical Experimental Psychology > Quantitative and Qualitative Research Methods	> Psychology of Learning > Social Psychology > Neuropsychology > Criminal Psychology > Critical Analysis in Contemporary Psychology > Mental Health

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BSocSc Bachelor of Social Science
CAO Code: **MH107** | CAO Points 2024: **318**

Places: 70
Duration: 3 years (4 years with optional Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: Yes - civic engagement option provided (subject to availability)
Mature Applicants: See p. 154
QQI Link: Yes - see p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & 3rd language

Degree Overview

> The Bachelor of Social Science degree (BSocSc) studies how human societies are organised, the social forces, institutions and ideologies that shape society, and the factors that influence the wellbeing of individuals, families, communities, and countries. The scope of the course includes key topics like class, gender, religion and race.

> Students learn to analyse contemporary social problems, issues and policy responses related to poverty and social exclusion, drugs, criminal justice, housing, migration, ethnicity, disability, ageing and gender. A key focus is on how to address inequality and promote rights and entitlements to services for all. Students also learn about social professions such as social work, community work and youth work, and may pursue postgraduate opportunities in these fields at Maynooth after their undergraduate degree.

> The degree is organised as a double major programme with the core subject of Social Policy and one of the following subjects: Sociology, Philosophy, History, Anthropology, Geography or Economics. The core subject of Social Policy (only available to study in this degree) focuses on government and institutional policies concerned with human needs and welfare in the broadest sense, and how these needs are addressed.

After Graduation

> Social Policy is the basis for careers in policy research and policy analysis.

> Graduates pursue careers in policy analysis, social research and social professions (social work, community work and youth work).

> Our graduates are also found in management and public administration, the NGO sector, journalism, the media and social research.

> Graduates can take the National Qualification in Social Work at master's level (for more information visit www.coru.ie). This degree is prescribed as the basis for undertaking a Master's in Social Work.

> The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Department of Applied Social Studies, Laraghbryan House

www.maynoothuniversity.ie/applied-social-studies

You might also like
Anthropology p. 34
BSocSc Community and Youth Work p. 123
BA Local / Community Studies p. 125

Course Structure

	1st year	2nd & Final year	
> The core subject is Social Policy – only available in the BSocSc degree	> Social Policy, Sociology, Critical Skills for Social Sciences and 1 of the following subjects: Anthropology, Economics, Geography, History or Philosophy	> Continue with Social Policy and 1 of your 1st year subjects as a Double Major Bachelor of Social Science degree	> Optional 10 credit Elective in second year (see p. 21 for details)

Sample Modules

1st year	2nd year	Final year

> Critical Skills for Social Science e.g. analysis, communication
> Social Policy – an introduction
> Sociology (Contemporary Irish Society, Sociological Imagination)
> Additional studies in 1 other discipline
	> Social Policy
	  - Advanced Social Policy
	  - Policy Research and Analysis
	  - Political Economy of the Welfare State
	  - Child and Family Policy
	  - Engaging with Civil Society: Justice, Welfare and Environment
	  - Case Studies in Social Policy: Drugs and Criminal Justice
	  - Comparative and European Social Policy
	> Studies in another social science discipline
		> Social Policy
		> Linking Equality and Social Inclusion
		> Social Policy and Gender, Social Policy and Ageing
		> The Social Professions (Social Work, Community Work, Youth Work)
		> Social Policy and Welfare States in Times of Change
		> Social Policy and Philosophical Questions
		> Environment, Sustainability and Social Justice
		> Dissertation

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

BA Media Studies
CAO Code: **MH109** | CAO Points 2024: **357**

Places: 40 **Duration:** 3 years (4 years with optional Erasmus/Study Abroad)	**Erasmus/Study Abroad Option:** Yes – subject to availability **Placement Option:** No **Mature Applicants:** See p. 154 **QQI Link:** Yes - see p. 154 **UK, EU & International Applicants:** See p. 157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, a third language & H5 English

Degree Overview

> Media Studies students:

– Gain practical experience through hands-on instruction in creative media practice and critically analyse a range of media forms in society, culture and politics;

– Combine creative and practical storytelling with the development of critical understanding of media - a vital skill since media industries are constantly expanding with new platforms emerging each year and new issues materialising like fake news;

– Research and analyse media cultures, genres and industries as well as the role of media in society and politics.

Students then apply this in their practice of media design and production and interactive storytelling.

> Students develop employability and professionalism through their exploration of media and cultural industries and working lives. Students can also broaden their educational experience by studying Media Studies along with Arts subjects (such as languages, business, social sciences, computer science).

> Media Studies can be combined with Computer Science to develop a broad expertise in Media Technologies.

After Graduation

> Graduates emerge with a range of practical, critical and transferable skills that enhance their employability in areas including: film, television and radio production; social media; marketing, PR and communications; web and graphic design; content creation; media research; IT.

> Our graduates have taken up positions at RTÉ, Virgin Media, BBC One, Cartoon Saloon, Brown Bag Films, Microsoft, Accenture, BBDO, Version1. In addition, graduates have become independent creative professionals film-making, content creation and social media.

> The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Department of Media Studies, Iontas Building

www.maynoothuniversity.ie/media-studies

You might also like

Anthropology (MH101 Bachelor of Arts subject) p. 34

English (MH101 Bachelor of Arts subject) p. 43

Media, Film & Cultural Studies (MH101 Bachelor of Arts subject) p. 56

BSc Product Design and Innovation p. 124

Course Structure

1st year	2nd & Final year	
> 30 credits of Media Studies theory and practice modules > Choose 2 other subjects from Subject Groups 1-5. The only compatible double subject is Mathematics (Pure). See p. 32 - maximum 1 subject per Subject Group.	> Media Studies and another subject either as a Double Major or Major/Minor > 2nd year optional 10 credit Elective (see p. 21 for details)	Erasmus/study Abroad option after 2nd year

Sample Modules

1st year	2nd year	3rd year
> Introduction to Media Studies > Media Design > Media Production	> Television Production > Interactive Storytelling > Media and Cultural Theory > Digital Marketing Content Creation > Media, Society and Politics	> Shot Film Production > Live Radio Production > Podcasting > Global Cinema > Media and Cultural Industries > Media and Cultural Work

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask **on webchat** **ask a student**

BA Creative Writing and English
CAO Code: **MH111** | CAO Points 2024: **New in 2025**

Places: 20
Duration: 3 years (4 years with optional Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, a third language and H5 English

Degree Overview

The BA in Creative Writing and English offers you the opportunity to develop critical and creative skills within one programme, which is innovative not only for its integration of two intertwined subjects, but for its industry links and its teaching practices.

As a student of Creative Writing and English, you will learn:

> how to develop your creative writing (fiction/poetry/memoir/creative non-fiction) through intensive workshops;

> the practicalities of creative literary industries;

> about the development of literary genres and practices;

> about the conditions that shape literature – from history and geography to questions of gender, race, sexuality, and class.

After Graduation

> Graduates of the BA in Creative Writing and English will be equipped with: skills in creative thinking; the ability to formulate, present and disseminate complex issues; excellent communication skills; a highly-tuned sensitivity to language usage; the ability to tell and organise stories in compelling ways; an understanding of how to inhabit alternative viewpoints and outlooks. As such, graduates of the programme will be well-prepared for the world of work and will have the capacity to be flexible, inventive and adaptable in their chosen careers.

> Maynooth University's Department of English includes award-winning creative writers as well as internationally acclaimed scholars of Irish, American, Arab, African, and global literatures. We offer MA programmes in Literatures of Engagement and in Creative Writing, and also offer PhDs in Creative Writing and in critical literature.

Contact Us

Maynooth University Department of English,
Iontas Building

➤ www.maynoothuniversity.ie/english

Course Structure

1st year		2nd year and Final year

Semester 1
 Take 3 x 7.5 credit modules of Creative Writing and English:
 >Introduction to Creative Writing
 >Foundational English 1 (Prose)
 >Climate Fiction
   PLUS choose 1 other subject, which may include Critical Skills, from the available Subject Groups 1, 2, 4 or 5. See p. 32.
	Semester 2
	 Take 3 x 7.5 credit modules of Creative Writing and English:
	 >Introduction to Creative Writing
	 >Foundational English 2 (Poetry and Drama)
	 >Literary Criticism and Theory
	   Continue with your other subject.
		English and Creative Writing
		 Optional 10 credit Elective in 2nd year (see p. 21 for details)
		 Erasmus/Study Abroad option after 2nd year

Sample Modules

1st year	2nd year	Final year
Introduction to Creative Writing: This module is a foundational workshop that provides Creative Writing and English BA students with a grounding in key elements of structure, technique and form through writing practice, including fiction, creative non-fiction, and poetry. The course assists students in establishing and developing their writing practice through exercises and assignments, as well as through reading and through the giving and receiving of feedback. **Climate Fiction:** This module considers climate fiction or 'cli-fi'. It examines how writers and artists represent the climate crisis, how they confront its scale, how they urge us to move beyond the anthropocentric and imagine nature, and how they engage readers ethically, with an emphasis on individual and collective responsibility.	**Specialist Module in Creative Writing:** This workshop module will be led by the Maynooth University Arts Council Writer-in-Residence, with content and genre determined by their expertise. Past holders of this position, in place since 2022, are novelists Louise O'Neill and Booker Prize winner Paul Lynch, now a member of staff. The Writer-in-Residence will deliver a seminar / workshop series that examines, for instance, the genre of the novel, with classes analysing selected examples and supporting students to generate material in a workshop setting. The module offers the opportunity to learn from experts in their fields, enhancing student understanding of form and developing their analytical skills while also working to produce original work in the specified genre. **Experiential Learning:** This module sees students gathering practical experience of the creative literary industries in Ireland: assisting final year BA CW and/or MA students of Creative Writing in the production of an in-house literary journal, or assisting in the planning and production of an arts event or festival (Arts and Minds at Maynooth; Kildare Readers Festival, with which the Department has established links); or other work experience that might involve placement with a literary journal or editorial team or at a publisher.	**Literary Festival/ Journal Production:** In their final semester, students will work as a cohort to stage a mini-festival/ event series or to produce a literary journal. With guidance from lecturers and staff, students will take on different roles in their production(s), which will align with student interests and further their practical experience. **Final Year Project:** In addition to their coursework, each student will work with a supervisor to develop and submit a thesis, an extended piece of writing, in their final year: a collection of poetry; a series of short stories; an extract of a novel; or an extended piece of creative non-fiction. Co-supervision with members of other Departments where appropriate to the project/ practice will be supported.

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 (ask) **on webchat** 〟〟 **ask a student**

BSocSc Community and Youth Work (full-time)
CAO Code: **MH116** | CAO Points 2024: **Not applicable**

Places: 25-30
Duration: 3 years (full-time)

Erasmus/Study Abroad Option: Yes – subject to availability. We encourage students to consider undertaking international fieldwork placements in years 2 or 3.
Placement Option: Fieldwork placements integral to programme
Mature Applicants: 23 years or older on January 1st of the year of entry. See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & 3rd language.
*Strict CAO application deadline of 1st February.

Degree Overview

> The BSocSc Community and Youth Work is a professional qualification in community work and youth work, dual endorsed by AIEB and NSETS. This programme combines the full-time Level 8 Degree plus a full-time block fieldwork placement each year.

> Both community work and youth work are concerned with the achievement of social change and the programme integrates class-based learning and immersive practice experience, creating a unique and transformative learning environment.

> A range of topics relating to community and youth work are studied in all three years of the programme.

> Students learn in small groups, with and from others who are committed to making the world a better place. Students are taught by a highly experienced, committed and passionate staff team who challenge and support students to reach their potential as a professionally qualified youth worker and community worker.

> The Department of Applied Social Studies (DAPPSS) is the longest established provider of professional education and training in youth work and community work in the Republic of Ireland.

> This programme is for you if you are passionate about and committed to social and environmental justice and want to work in solidarity with those affected by human rights denial, poverty and inequality.

> Mandatory supervised block fieldwork placements are integral to the programme and provide a solid basis for analysis, practice and readiness for employment in the sector.

After Graduation

> Graduates are employed in a range of community and youth work organisations and agencies such as community development projects, urban and rural development groups, environmental justice groups, youth projects, as well as organisations concerned with particular groups (e.g. women, Travellers, LGBTQ+) or issues (e.g. global citizenship education, Human Rights, unemployment, migrant rights, drugs, poverty etc.)

> Graduates have a wide range of options to continue their study at postgraduate level.

Application procedure for all applicants to MH116

*As a restricted-application course, entry to MH116 BSocSc Community and Youth Work is not based on CAO points. The application process is designed to assess the applicants' potential to develop as professional practitioners. All applicants are invited to Maynooth University to complete a personal statement and written exercise. Applicants who have a disability and who may require exam supports should refer to page 17. Shortlisted applicants will be invited to Maynooth University for an individual and group interview in April 2025. Interviewees should bring one work / volunteer or study related reference.

Note 1: 50% of places are reserved for appropriately experienced mature students.

Note 2: Any offer of a place on this programme is subject to a satisfactory background check by the National Vetting Bureau.

Contact Us

Maynooth University Department of Applied Social Studies, Laraghbryan House

✉ cywrecruitment@mu.ie

↑ www.maynoothuniversity.ie/applied-social-studies

Course Structure

> The MH116 degree is a level 8 honours degree and professional qualification in Community Work and Youth Work. It combines on-campus study of a range of topics relevant to community and youth work with off-campus full-time block supervised fieldwork practice. Classes run from early September to late May each year with an attendance requirement of 80%.

> Students are required to complete 520 hours of full-time block supervised fieldwork in each year of the degree. This will involve evening and weekend work. All students complete fieldwork practice in both community work and youth work.

Sample Modules

1st year	2nd year	Final year
> Community and Youth Work Principles and Practices	> Community and Youth Work Issues and Policies	> Research for Practice
> Introduction to Social Sciences	> Professional Studies	> Social Science Context of Practice
> Youth and Community Arts	> Applied Social Sciences	> Critical Issues in Practice
> Practice Skills Development	> Practice Skills Development	> Professional Development
> Fieldwork Practice	> Fieldwork Practice	> Fieldwork Practice

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BSc Product Design and Innovation
CAO Code: **MH305** | CAO Points 2024: **329**

Places: 40
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p.154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, a third language and H5 English

Degree Overview

> Students of Product Design and Innovation learn to harness their creative, artistic, and problem-solving skills. Students also gain a comprehensive understanding of technology and materials and develop a sensitive awareness of human needs and behaviour through user-centred design. You are taught to combine these abilities to create products that not only meet but also exceed user expectations.

> The program is a practical studio-based course, with an emphasis on project-based learning, workshops, CAD laboratory sessions and group work. The studio subjects include visualisation; freehand drawing and freehand rendering; computer modelling and rendering, model making and prototyping.

> The programme is interdisciplinary as students gain a broad understanding of product design and innovation from both engineering and marketing perspectives, focusing on creating solutions that balance business viability, human desirability, and technical feasibility.

> Students learn from accomplished designers and design entrepreneurs with experience in sports equipment, medical devices, user interfaces, consumer electronics, and homeware.

> Students get first-hand experience with clients through industry-linked projects.

> Includes the opportunity for a six-month, full-time work experience placement in a relevant employment setting or an Erasmus study abroad.

After Graduation

> Product designers are key in driving innovation in the modern world. As technological competence spreads globally, businesses are placing greater focus on achieving market success through design. Graduates are equipped to foster innovation in various areas, especially those related to design and technology, its application, or assessment.

> Potential career paths for graduates include product design, UI/UX design, medical device design, furniture design, service design, technical marketing, customer development and user experience, new product development, design management, technology business management and many other design disciplines.

> Some graduates choose to continue their studies. The Department offers a postgraduate MSc Design Innovation as well as a PhD in Design Innovation.

Contact Us

Maynooth University Department of Design Innovation, Auxilia House

▶ www.maynoothuniversity.ie/design-innovation

You might also like

BE Electronic Engineering p. 114
BSc Robotics & Intelligent Devices p. 115
BBS/BBA Entrepreneurship p. 91

Course Structure

> As a specialised 4 year Bachelor of Science degree in Product Design and Innovation, a range of technology, marketing and design subjects are taken in all years

> All students can take a 6-month, full-time, work experience placement in 3rd year or alternatively may opt to participate in the Erasmus/Study Abroad student exchange programme, completing a semester in another EU 3rd level institution (subject to availability)

Sample Modules

1st year	2nd year	3rd year	Final year
> Creative thinking and design	> Core design skills	> Ethnography	> Advanced materials and design for manufacture
> Core design skills (sketching, prototyping, presentation)	> Universal design	> Design for environment and sustainability	> Innovation management
> Introduction to embedded electronic engineering	> Usability, ergonomics and aesthetics	> Design project with industry	> Keystone design projects
> Maths, physics and material science	> Visual communication & portfolio	> Industry Erasmus/Study Abroad	> Systematic design methods for innovation
> Computer aided design	> Design history and culture	> Human computer interaction	
	> Manufacturing processes		
	> Digital marketing **or** Introduction to UX & UI		

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BA Community Studies or BA Local Studies

(both are part-time, evening degrees for mature students aged 21 years or older only)

CAO Code: **MH803 BCS or MH803 BLS** | CAO Points 2024: **Not applicable**

Places: 30 (MH803)
Duration: 4.5 years (part-time)

Erasmus/Study Abroad Option: No
Placement Option: No
Mature Applicants: Applicants must be 21 years or older on 1 January of the year of entry. Application through the CAO. Selected candidates are invited for interview. See our website for details (link in Contact us).
QQI Link: No
UK, EU & International Applicants: See p. 157

Leaving Certificate: Not applicable. Only open to mature applicants aged 21 years or older.
OPC (Open Choice Option): Up to 4 weeks to decide on MH803 degree stream

Overview of the BA Community Studies and the BA Local Studies degrees

> The BA Community Studies and the BA Local Studies are both part-time (evening) interdisciplinary degrees for mature applicants only (21 years or more). Applicants choose either the BA Community Studies or the BA Local Studies on their CAO application.

> Applicants can use previous learning to fast-track to the degree award through the University's Recognition of Prior Learning system.

> As MH803 is a completely modular degree based on a 4.5 year cycle students are not divided into years but rather choose modules as they come up on the BA modular carousel.

> Quite often, new students of the BA Community Studies or the BA Local Studies have been out of the education system for some time. We therefore dedicate time in semester one to a student support module which includes comprehensive study skills such as critical thinking and ICT for research and learning.

BA Community Studies

> If you are interested in community work, addiction and recovery, youth studies, history, politics, development, adult education, society and culture and have two free evenings a week, then this wide-ranging degree will appeal to you.

> Departments involved are Adult and Community Education; Anthropology; Applied Social Studies; Sociology; History; Geography.

BA Local Studies

> This is the only interdisciplinary degree of its kind in Ireland combining the expertise of Ireland's leading history department for the study of local history, with one of the most well regarded geography departments in the country; study folk traditions, Gaelic Literature and Culture with modules from the Centre for Irish Cultural Heritage and Ancient Classics and deepen this knowledge with classes in Anthropology or Sociology.

> Departments involved are History, Geography, Classics, Centre for Irish Cultural Heritage, Adult and Community Education and Anthropology.

After Graduation

BA Community Studies

> The community, voluntary and statutory sectors.

> Adult and further education and training; community development, teaching, drug and alcohol services, civil service and Non-Governmental Organisations.

> Postgraduate study in Adult and Community Education, Anthropology, Applied Social Studies and Sociology.

> Progression to the Professional Master of Education for Secondary School teaching or the HDip. in Further Education and Training or the MEd in Adult and Community Education.

BA Local Studies

> Develop research, writing, communication, critical thinking, analysis and interpretation skills to the highest level. Some of our Local Studies graduates have published their research.

> Higher education, secondary teaching and the tourism, hospitality and leisure industries.

> Postgraduate study in fields such as history, geography, archaeology and folklore.

> Progression to the Professional Master of Education for Secondary School teaching or the HDip. in Further Education and Training or the MA in Local History (incorporating Historic Irish Houses and Local History).

Contact Us

Maynooth University Department of Adult and Community Education, School of Education

www.maynoothuniversity.ie/adult-and-community-education

You might also like

Sample Modules

BA Community Studies	BA Local Studies
> Contemporary Youth Work Issues	> Death in Early Ireland
> Creativity and Performing Arts	> Climate change: the potential impacts for community and locality
> Disability Studies	> Introduction to Irish Archaeology
> Substance Misuse and Dependence	> Latin for Local History 1
> Housing and Community	> Ireland and the Great Famine
> Group Facilitation Skills	

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"Maynooth University stood out to me when I was exploring my CAO choices because Criminology was available as a subject. This was a fantastic opportunity for me to combine my passion for studying law with the emerging field of criminology. The education I received at Maynooth University provided me with a strong foundation for my journey to becoming a qualified Barrister.

Studying the BCL Law and Criminology degree offered a unique perspective that enriched my understanding of the legal system. The comprehensive curriculum, taught by experts in the field, helped me develop the necessary knowledge, skills, and analytical thinking that have been instrumental in shaping my career.

The practical experience, legal research, and advocacy skills I gained during my studies have greatly contributed to my success in sitting the King's Inns Entrance Exams and being admitted to the Degree of Barrister-at-Law and ultimately being called to the Bar in 2022.

Choosing Maynooth University means joining a fantastic community and embarking on a rewarding educational journey. You will receive a comprehensive legal education, gain practical skills, and be part of a large community that values your growth and success. Maynooth University provides a strong foundation for a successful career in the legal field and beyond."

Chloe Geraghty
MH502 BCL (Law and Criminology) Graduate
Barrister-at-Law

LAW AND CRIMINOLOGY
SPECIALISED DEGREES

LLB Law
CAO Code: **MH501** | CAO Points 2024: **451**

Places: 60
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes - subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English

Degree Overview

> The LLB (MH501) is a four-year degree almost exclusively in law, allowing you to study law in depth and detail. This innovative programme puts a strong emphasis on the development of verbal and written advocacy skills through applied modules such as legal skills, negotiation and dispute resolution. Students can future-proof their degree with our exciting new modules in Law and Technology in each of years 2 and 3.

> MH501 provides students with a wider selection of law modules than MH502, the BCL, and is one year longer than the latter degree. Both law degrees, MH501 and MH502, are accredited by the Honorable Society of the King's Inns.

> Acquire a thorough grounding in the fundamental areas of legal study and a broad range of specialist modules like Law and Biotechnology, Tax Law, and Media Law.

> Enhance employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

> Students may apply to complete a work placement year in a law firm (subject to availability) or a year studying abroad at one of our international partner institutions (subject to availability).

> Student societies such as the Law Society, European Law Students' Association or Student FLAC (Free Legal Advice Centre) Society are all valuable additions to our students' university experience.

After Graduation

> Graduates of the LLB will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Studying law also opens up a whole range of career options outside of being a lawyer such as careers in: journalism; policy development; business and finance; management consulting; the Non-Governmental Organisation (NGO) sector; and national and international public administration (such as with the EU or UN).

> The School of Law and Criminology offers a wide range of postgraduate study options from Criminology to International Business Law.

Contact Us

Maynooth University School of Law and Criminology, New House

➤ www.maynoothuniversity.ie/law

You might also like

Law and Criminology in the Bachelor of Arts degree - see section 1

Our range of BCL degrees - see the pages that follow

BA Criminology **(NEW)** p. 134

Course Structure

> You concentrate on the study of Law through a wide range of legal subjects for each of the four years of the programme.	> Students take the core modules required for professional legal training, but also choose from a wide range of optional modules.	> A number of modules focus on developing critical skills (legal writing, advocacy, and communication skills).	> You can apply for a work placement in a law firm, or for a year studying abroad, during your degree (subject to availability).

Sample Modules

1st year	2nd year	3rd year	Final year
> Core modules such as Criminal Law, Constitutional Law, and Contract Law > Legal Skills > Critical skills modules, like Legal Writing and Advocacy > Practical modules, like Negotiation	> Core modules such as EU Law and Administrative Law > Law and Technology > Optional modules like Commercial Law and International Law > Practical modules, like Moot Court	> Core modules such as Property Law and Equity > New Perspectives on Law and Technology > Critical skills modules, like Dispute Resolution > Optional modules include Media Law, Environmental Law and Family Law	> Business and Finance (e.g. Tax Law, Banking and Financial Law) > Human Rights and Justice (e.g. Civil Liberties, Criminology) > Options such as Intellectual Property Law, Law and Biotechnology, Introduction to Chinese Law > Company Law

Visit our Course Finder for more details and all the latest updates www.mu.ie/level8 ask on webchat ask a student

BCL (Law and Accounting)
CAO Code: MH502 LWA | CAO Points 2024: 418

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability**
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & 04/H7 Mathematics*
* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWA
OPC (Open Choice Option):
Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> This degree is jointly accredited by both the legal and accounting professions. Students can avail of exemptions (upon graduation) from CAP 1 examinations from the Institute of Chartered Accountants in Ireland, and equivalent examination papers from the ACCA and CIMA professional accounting bodies. This law degree is accredited by the Honorable Society of King's Inns.

> This degree is designed for those who would like to study law while gaining a strong background in accounting. For the three years of this programme, students take Law and Accounting in equal measure, making this degree particularly attractive for those considering a career in either of these fields.

> Students acquire key financial and accounting skills alongside a thorough grounding in core law subjects.

> Become a highly sought-after law and accounting graduate with the technical and transferable skills needed to succeed in your chosen career. Enhance your employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

> BCL students who successfully complete the first year of the programme have the option of transferring into the second year of the LLB programme (MH501).

After Graduation

> Embark on the route to becoming a professional in accounting or law, both of which offer a rewarding career with international mobility and high earning potential.

> The numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and the financial services sector generally, as well as financial research and teaching.

> Graduates of the BCL programme, wishing to pursue a career in accounting, will be in a position to enter professional training and avail of exemptions from the professional accounting bodies.

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Many of our students continue to further postgraduate study in a very wide range of Law, Business, Accounting and Finance subjects at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus

www.maynoothuniversity.ie/business

Maynooth University School of Law and Criminology,
New House, South Campus

www.maynoothuniversity.ie/law

You might also like
Specialised Accounting degrees - see section 3
Other BCL Law degrees and our LLB degree - see section 8
Accounting and Law as subjects in the Bachelor of Arts degree - see section 1

Course Structure

> Accounting is taken jointly with Law for the three years of the programme, with a wide range of accounting and legal subjects being studied.	> Students take the core modules required for professional legal and accounting careers, but also choose from a range of optional modules. No prior knowledge of accounting or law is required, as we teach both subjects from first principles.	> A number of modules focus on developing critical skills (legal writing, advocacy, financial literacy and communication skills).	> Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (**The University will support you in the search for a placement job; however, the process is competitive).

Sample Modules

1st year	2nd year	Final year	
> Core modules like Criminal Law, Contract Law, Introduction to Accounting, and Fundamentals of Finance > Critical skills modules, like Legal Research Methods > Practical skills, participating in mock trials	> Core modules like Company Law, Financial and Management Accounting and Taxation > Critical skills, analysing materials in tutorials and seminars > Practical skills, like participating in negotiation	> Core modules like Property Law, Management Accounting, Financial Accounting and Finance > Critical skills, analysing the philosophy of law, and the ethics of corporate governance	> Choose from a range of options, including Media Law and Employment Law

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BCL (Law and Business)
CAO Code: **MH502 LWB** | CAO Points 2024: **418**

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes – subject to availability
Placement Option: Yes – subject to availability**
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & 04/H7 Mathematics*
* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB
OPC (Open Choice Option):
Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> The BCL is a three-year degree in law combined with one other subject, in this case Business - accredited by the Honorable Society of King's Inns. While the BCL covers all the core modules of law, students take less law than on the LLB (MH501), giving students more time to develop expertise in business. The main advantage is that it allows the study of law with learning in business. This combination is ideal for those who may wish to run their own practice, to work in a setting where law is applied, to work in a business itself, or to practice commercial law.

> Business is the way by which every product and service you use in daily life is developed, promoted and delivered on the global stage. This degree provides students with insights into the core functions of Business and how they interact to create value for and capture value from clients and customers.

> Law and Business students at Maynooth are offered unparalleled flexibility and choice. Students have the option of taking a four year degree with a work placement or study year abroad (subject to availability), thus combining what they learn in university with insights into industry (legal or commercial) or another culture.

> Students who successfully complete 1st year also have the option of transferring into the 2nd year of the LLB degree (MH501).

> The defining feature of this degree is the skill-set which it provides students; future employability is enhanced by developing the student's faculties for argument and reasoning, for clear thinking, for the analysis of complicated ideas and for understanding the commercial context in which the law operates.

After Graduation

> This degree combines the best elements of the University's degrees in Business and in Law to ensure students graduate with the maximum range of career options, both in Law and in Business.

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options in the commercial world such as in general management, service, IT and management organisations, consulting, journalism, policy development, the NGO sector, and national and international public administration.

> Both the School of Business and the School of Law and Criminology offer a range of postgraduate programmes for BCL (Law and Business) graduates.

Contact Us

Maynooth University School of Business, TSI Building
➤ www.maynoothuniversity.ie/business

Maynooth University School of Law and Criminology, New House
➤ www.maynoothuniversity.ie/law

You might also like

MH101 Law and Business as subjects in the Bachelor of Arts degree - see section 1
Our range of specialised Business degrees - see section 3
Our full range of specialised Law degrees - see section 8

Course Structure

> Business is taken jointly with Law for the three years of the programme, with a wide range of business and legal subjects being studied.	> Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. (**The University will support you in the search for a placement job; however, the process is competitive).	> Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB degree MH501 or 2nd year of the BBS Business and Management degree. An introductory accounting module must be taken in semester 1 of 2nd year (in the case of the latter degree).

Sample Modules

1st year	2nd year	Final year
> Core areas like Business Models and Marketing, and Criminal Law > Critical skills modules like Legal Research Methods and Managing Innovation > Practical skills through participating in mock trials	> Core areas like Company Law, Management Information Systems, and Human Resource Management > Critical skills like analysing materials in tutorials and seminars > Range of optional modules from which to choose, including Commercial Law, Project Management, and International Business	> Core areas like Property Law, Strategic Management, and Human Resource Management > Critical skills, like analysing the philosophy of law > Optional modules, including Innovation Management, Media Law, Contemporary Issues in Marketing, and Employment Law

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BCL (Law and Criminology)
CAO Code: **MH502 LWC** | CAO Points 2024: **418**

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English
OPC (Open Choice Option): Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> Law is taken jointly with Criminology for the three years of this degree which is accredited by the Honorable Society of King's Inns. We are one of the few universities in Ireland to offer the option of studying law with criminology as part of an accredited law degree. Faculty include leading international experts in the field with research interests in policing, restorative justice, gender, ethnicity, human trafficking, terrorism and mental health.

> This is a unique interdisciplinary programme offering perspectives from sociology, psychology and anthropology, as well as law.

> Students acquire a thorough grounding in the fundamental areas of legal study: including foundational legal principles; legal systems; and the role of Irish, European, and international law.

> Through studying Criminology, students examine the causes of crime and society's reaction to criminality.

> The BCL is a three-year degree in law combined with one other subject. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in another subject. The main advantage is that it allows you to combine the study of law with the study of another discipline.

After Graduation

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> This programme allows students with an interest in law to broaden their career prospects into the criminal justice world, opening up potential careers in the Gardaí, security services, data analytics, probation, the prison service, the Non-Governmental Organisation (NGO) sector and research institutes.

> The School of Law and Criminology also offers a range of postgraduate study options in related fields.

Contact Us

Maynooth University School of Law and Criminology, New House

> www.maynoothuniversity.ie/law

You might also like

BCL (Law and Arts) p. 132
BA Criminology **(NEW)** p. 134
Criminology and Law in the Bachelor of Arts degree - see section 1

Course Structure

> Law is taken jointly with Criminology for the 3 years of the programme.	> In 1st year you will take 30 credits of Law, 15 credits of Criminology and 1 other subject, which may include Critical Skills, from the Subject Groups on p. 32. Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB programme (MH501).	> Continue with 30 credits of Law and 30 credits of Criminology in each of 2nd and 3rd year.	> You may apply to complete a work placement year, or to study abroad, after 2nd year, and graduate after 4 years. Students who opt to spend a year studying abroad are awarded a BCL (International) degree.

Sample Modules

1st year		2nd year	Final year
> Core modules such as Criminal Law, Constitutional Law, and Contract Law > Exploring Criminology: What is crime? What is theory and why is it important? Spotlights on key crime categories such as homicide and terrorism. Key skills to study criminology at university level.	> Introduction to different models of criminal justice and the key personnel (police, judiciary, prison officers) involved in the criminal justice system	> EU Law and Company Law alongside various law options > Core modules such as Criminological Theory, Policing, and Crime and the Media > Optional modules such as Gender and Crime, and Ethnicity, Crime and Punishment	> Property Law and Equity alongside various law options > Core modules such as Prisons, Youth Justice and White-Collar Crime > Optional modules such as Victimology

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BCL (Law and Arts)
CAO Code: MH502 LWD | CAO Points 2024: 418

Places: 200 (MH502)
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English
OPC (Open Choice Option):
Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

Degree Overview

> This law degree is accredited by the Honorable Society of King's Inns. Students receive an excellent grounding in core law subjects, while also retaining the flexibility to customise their own academic path.

> Law is taken jointly with one Arts subject for the final two years of the programme. Students can choose from a wide range of Arts subjects including languages and other areas within the humanities and social sciences.

> The BCL is a three-year degree in law combined with one other subject. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in another subject. The main advantage is that it allows you to combine the study of law with the study of another discipline.

> BCL students who successfully complete the first year of the programme have the option of transferring into the second year of the LLB programme (MH501).

> Students may apply to complete a work placement year in a law firm (subject to availability) or a year studying abroad at one of our international partner institutions (subject to availability).

After Graduation

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

> Studying law also opens up a whole range of career options in addition to being a lawyer such as careers in: journalism; policy development; business and finance; management consulting; the Non-Governmental Organisation (NGO) sector; and national and international public administration (such as at the EU or UN).

> The School of Law and Criminology offers a wide range of postgraduate study options.

Contact Us

Maynooth University School of Law and Criminology, New House
www.maynoothuniversity.ie/law

You might also like

LLB (Law) p. 128
MH504 BA Criminology (NEW) p. 134
MH502 LWC BCL (Law and Criminology) p. 131
MH503 BCL (Law and Languages) p. 133
Law and Criminology in the Bachelor of Arts degree - see section 1

Course Structure

1st year	2nd year & Final year		
> 30 credits of Law with up to two other subjects, one of which may be Critical Skills. See p. 32 for Subject Groups.	> Continue in 2nd and 3rd year with at least 30 credits of Law and 30 credits of your chosen subject from 1st year (excluding Critical Skills)	> You may apply to complete a work placement year, or a study abroad year, after 2nd year, and graduate after 4 years (subject to availability). Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB programme (MH501)	> Students who opt to spend a year studying abroad are awarded a BCL (International) degree

Sample Modules

1st year	2nd year	Final year
> The nature of legal systems, and how laws are made nationally and internationally > The role of lawyers, judges, legislators, and other actors in the legal system > The laws relating to crime, negligence, and privacy	> The laws relating to evidence, and building a legal case > The laws relating to business and companies > EU and international law	> The laws relating to the family, media, and property > International law and justice > The theory of laws and legal systems

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BCL (Law and Languages)
CAO Code: **MH503** | CAO Points 2024: **430**

Places: 50
Duration: 4 years

Erasmus/Study Abroad Option: Yes, integrated.
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English. Students who wish to take Irish as part of their degree must have a H4 in Irish.
OPC (Open Choice Option): Up to 4 weeks to decide on preferred language

Degree Overview

> The BCL (Law and Languages) is a four-year degree in Law combined with French, German, Irish or Spanish, opening up a range of employment prospects within and beyond Ireland.

> Students undertake all of the required modules needed for Law and a full suite of modules in their chosen European language.

> There are additional opportunities to continue the study of other modern languages in first year and/or take up a new language as a beginner in second year.

> Students receive an excellent grounding in core law subjects, while also developing their linguistic competence and intercultural awareness.

> The degree includes modules in French, German and Spanish Law or specialised modules relating to law and the Irish language, as well as classes in legal translation and vocabulary.

> Students will have an opportunity to gain international experience through an integrated study abroad programme at one of our European or international partner institutions.

> Students taking Irish will be expected to combine a Gaeltacht placement or Irish-language work placement of one semester with an Erasmus study placement abroad of one semester in third year.

> Students interested in gaining intersectoral experience will be supported to undertake a work placement in a country where their chosen language is spoken. Students are encouraged to source their own work placements, which are subject to approval and registration with the Careers and Employability Service.

> Graduates of this programme will develop a strong capacity for analytical and critical thinking as well as strong linguistic skills and a keen sense of cultural awareness.

After Graduation

> Taking a degree in Law and Languages opens up career opportunities with multinational companies and law firms based in Ireland, with international agencies, companies and law firms based abroad, and the public service in Ireland and the EU.

> Various EU institutions require the services of "lawyer linguists", i.e. European citizens with a degree in Law and excellent knowledge of several European languages.

> The public and civil services in Ireland and the EU have a need for graduates with strong language skills and a deep understanding of legal procedures and practices to work as legal translators and legal interpreters.

> Graduates from this programme will have a unique set of skills that will enable them to work between two legal jurisdictions and serve clients in both.

> Graduates of the BCL will be eligible to take the Law Society's FE-1 entrance examinations (necessary to access training as a solicitor) and the entrance examinations for the King's Inns' Barrister-at-law degree programme (necessary to access training as a barrister).

Contact Us

Maynooth University School of Law and Criminology, New House
www.maynoothuniversity.ie/law

Maynooth University School of Modern Languages, Literatures and Cultures
www.maynoothuniversity.ie/school-modern-languages

Roinn na Nua-Ghaeilge
Ollscoil Mhá Nuad
www.maynoothuniversity.ie/nua-ghaeilge-modern-irish

You might also like
BA Criminology **(NEW)** p. 134
BCL (Law and Arts) p. 132
Law, languages and Criminology in the Bachelor of Arts degree
- see section 1

Course Structure

1st year	2nd year	3rd year	4th year
> 30 credits of Law > 30 credits of language study - students can choose from French, German, Irish or Spanish. French, German and Spanish can be taken at beginners' or post Leaving Certificate-level.	> Continue in 2nd year with at least 30 credits of Law and 30 credits of your chosen language. > Take advantage of the opportunity to continue studying a second European language or to begin a new language via the option of a 10 credit Elective.	> All students undertake a study abroad programme after 2nd year. > Students can opt to spend their year studying abroad or a combination of both study abroad and work placement in a country/region where the language they are studying is spoken (subject to approval).	> After spending a year studying or on work placement abroad, and completing year 4, students qualify with a 4-year BCL (International) degree.

Sample Modules

1st year	2nd year	4th year
> The nature of legal systems, and how laws are made nationally and internationally > The laws relating to crime, negligence, and privacy > Introduction to French/German/Spanish Law	> EU and Company Law > Intermediate French/German/Spanish Law > Legal Language & Legal Translation	> The laws relating to the family, media, and property > The theory of laws and legal systems > Advanced French/German/Spanish Law > Legal Language & Legal Translation

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BA Criminology
CAO Code: **MH504** | CAO Points 2024: **New in 2025**

Places: 25
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish & English

Degree Overview

> Criminology can be described as the study of crime, criminal behaviour and society's reaction to it. This three-year degree programme allows students to study criminology in depth, equipping you with the skills to examine criminal behaviour and understand what drives it.

> Maynooth University is one of only two universities in the Republic of Ireland offering the opportunity to study Criminology as a single major.

> This is a unique interdisciplinary programme offering perspectives from sociology, psychology and anthropology, as well as law.

> Faculty include leading international experts in the field with research interests in prisons, policing, restorative justice, gender, ethnicity, human trafficking, terrorism and mental health.

> In first year, students acquire a thorough theoretical understanding of crime, both in an international and Irish context. This is built on in second and third year when students take core modules in subjects such as prisons and policing as well as optional modules in line with their interests.

After Graduation

> This programme allows students to explore career prospects in the criminal justice world, opening up potential careers in the Gardaí, security services, data analytics, probation, the prison service, the Non-Governmental Organisation (NGO) sector and research institutes.

> The skills you will gain from studying Criminology, such as a focus on evidence and data-based inquiry, are also highly transferable to other areas, including: law, journalism, social research, social work, counselling, community work, policy analysis and public administration.

> The School of Law and Criminology also offers a range of postgraduate study options in related fields including the MA in Comparative Criminology and Criminal Justice.

Contact Us
Maynooth University School of
Law and Criminology, New House
↖ www.maynoothuniversity.ie/law

Course Structure

1st year	2nd year	3rd year
> 30 credits of Criminology > Up to 2 other subjects (one of which may be Critical Skills) from the available groups.	> At least 50 credits of Criminology > Optional 10 credit Elective. > Optional work placement or study abroad after second year – subject to availability > Students who take at least 15 credits of Law in year 1 of MH504, and who pass 1st year, are eligible to transfer into year 2 of the MH502 BCL Law and Criminology degree or year 2 of the MH501 LLB degree.	> 60 credits of Criminology.

Sample Modules

1st year	2nd year	3rd year
> You concentrate on the study of Criminology through a wide range of criminological modules for each of the three years of the programme. > Core modules such as: Exploring Criminology, Introduction to Criminal Justice, Thinking Like a Social Scientist and Criminological Classics.	> Students take a number of core modules but can also tailor the degree to suit their interests through a wide range of optional modules. > Core modules such as Policing, Research Methods, Criminological Theory and Crime and the Media. > A range of optional modules including perspectives from anthropology (Ethnographies of Crime and Policing), sociology (Society and State) and law (Mental Health and the Criminal Justice System; Gender, Crime and Criminal Justice; Ethnicity, Crime and Punishment)	> Core modules such as Punishment and Penal Policy, Youth Justice, and White-Collar Crime. > A range of optional modules such as: Criminal Psychology; Victimology; the Psychology of Terrorism; the Politics of Mass Incarceration; Crime, Death and Forensic Anthropology.

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"Studying at Maynooth University was an extraordinary experience that significantly shaped my academic and professional journey.

The opportunity to engage with a diverse and knowledgeable faculty, including seasoned industry personnel alongside renowned global academics, was invaluable. Their insights and mentorship greatly enhanced my understanding of chemistry, which in turn, adequately prepared me for the dynamic and fast-paced pharmaceutical sector of Ireland.

My BSc (MH210) allowed me to undertake an internship with IPSEN, giving me insight into the working environment of a professional chemist, while also improving my career prospects. This innovative degree programme developed my skills in problem-solving, communication, scientific writing, and presentation, while encouraging me to pursue further education at the University – PhD in Organic Chemistry.

I now work as an R&D PhD Chemist with SK Biotek Ireland, leading development projects in the laboratory, including; synthetic route scouting and development, proof of concept, crystallisation optimisation, and process safety assessment."

Dr. Conor Wynne
MH210 BSc Pharmaceutical & Biomedical Chemistry Graduate
PhD in Chemistry
R&D PhD Chemist, SK Biotek Ireland

SCIENCE
SPECIALISED DEGREES

BSc Biotechnology
CAO Code: **MH202** | CAO Points 2024: **444**

Places: 35 **Duration:** 4 years	**Erasmus/Study Abroad Option:** No **Placement Option:** Subject to availability **Mature Applicants:** See p. 154 **QQI Link:** See p. 154 **UK, EU & International Applicants:** See p.157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics

Degree Overview

> Biotechnology is the use of biological molecules, cells and organisms for applications in various fields such as medicine, agriculture and industry.

> While biotechnology is fundamentally the use of biology to solve problems and make useful products, it is a multidisciplinary field that combines biology, chemistry, genetics and other sciences. Students in this field study core disciplines such as genetics, molecular biology, immunology, microbiology, biochemistry, and cell biology as well as applied areas including genetic engineering, molecular diagnostics and bioprocessing of food and drugs.

> Students reinforce theoretical studies with practical laboratory sessions, visits to industrial companies, and ideally a placement in a biotech company (subject to availability).

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH202 Biotechnology for students who have taken Biology, Chemistry, Mathematics and another subject. Students must attain 60% at the end of first year. Places are limited and are based on 1st year results. See page 69.

After Graduation

> Graduates typically work in the biopharmaceutical sector, manufacturing new drugs at the cutting edge of medical research, (for example, antibodies used to treat cancers or immune disorders, or vaccines to prevent cervical cancer or hepatitis B), developing new diagnostic systems for human or animal health or improving food production.

> The Biology Department also offers a range of postgraduate courses.

Contact Us

Maynooth University Department of Biology, Callan Building

www.maynoothuniversity.ie/biology

You might also like

BSc Biological and Biomedical Sciences p. 143
BSc Biological & Geographical Sciences p.139
Biology and Chemistry in BSc Science (MH201) - see section 2
BSc Pharmaceutical and Biomedical Chemistry p. 145

Course Structure

1st year	2nd year	3rd year	Final year
> Biology, Chemistry, Mathematics and 1 other Science subject (Experimental Physics or Mathematical Physics)	> Concentrate on Biotechnology, Chemistry, and 1 of the other 2 subjects you studied in 1st year > Optional 10 credit Elective or Critical Skills (see p. 21 for details)	> Focus mainly on Biotechnology and Chemistry	> Concentrate on Biotechnology > Industry work placement (subject to availability)

Sample Modules

1st year	2nd year	3rd year	Final year
> From cell to organism > Biological function and diversity > Chemistry	> Biotechnology processes > Cellular biotechnology > Biochemistry	> Microbiology > Molecular biology > Scientific communication	> Genomics and Proteomics > Food biotechnology > Business biotechnology > Industry work placement (subject to availability)

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BSc Biological and Geographical Sciences
CAO Code: **MH203** | CAO Points 2024: **410**

Places: 35 **Duration:** 4 years	**Erasmus/Study Abroad Option:** No **Mature Applicants:** See p. 154 **QQI Link:** See p. 154 **UK, EU & International Applicants:** See p.157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics & O6/H7 Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Geography, Physics or Physics with Chemistry)

Degree Overview

> With Climate Change, the global biosphere has entered a new and unchartered phase. To find solutions for this crisis, scientists need to better understand how organisms, ecosystems and the environment interact together. This course brings these disciplines together over an advanced 4-year programme. Students benefit from the international strengths of both the Biology and Geography Departments, and obtain integrated training in the applied areas of environmental data acquisition and experimental observation and analysis.

> The core areas in Biology and Geography covered by the programme provide foundation knowledge across both disciplines, and explore in different ways how the dynamic planet Earth supports such a diversity of climates, landforms, ecosystems and species, and also how human activity is impacting on all of these from a local to a global scale.

> Training covers advanced technical skills in both disciplines, including geographical information systems, climate analysis, animal and plant science, molecular biology, and field-based methods, as well as advanced statistical analysis and data science.

> Students learn key transferable skills including independent thinking and analysis, advanced technical writing, presentation skills, group-working and leadership - all valuable in future careers.

> The main strengths of this degree include the advanced technical competency and expertise available from staff at Maynooth, and the variety of module options for students, alongside supporting options in Physics, Chemistry, Data Science and Statistics that provide options such as the pursuit of a science teaching career.

After Graduation

> Examples of careers for graduates of this degree include environmental consultancy, geographical information systems officer, town planning (following relevant postgraduate study), careers in science publishing and communication, as well as biology careers in research, healthcare and conservation.

> Graduates can also continue their studies with a PME and become a second level teacher of Biology and Geography to HL Leaving Certificate and Junior Certificate Science.

> Both the Department of Biology and the Department of Geography offer a range of postgraduate study options.

Contact Us
Maynooth University Department of Biology, Callan Building
www.maynoothuniversity.ie/biology

Maynooth University Department of Geography, Rhetoric House
www.maynoothuniversity.ie/geography

You might also like
Biology in the Bachelor of Science degree MH201 p. 70
Geography in Bachelor of Arts degree MH101 p. 48

Course Structure

1st year	2nd year	3rd year	Final year
> In first year 15 credits of Geography, Biology, Mathematics AND either 15 credits of Data Science OR Experimental Physics.	> In second year 20 credits of Biology, 20 credits of Geography; 20 credits of Statistics OR 10 credits of Statistics AND 10 credits of Critical Skills in Science Communication	> In third year concentrate on Biological AND Geographical Sciences (30/30 credits), OR choose to also continue with Data Science (20/20/20 credits)	> In fourth year concentrate on Biological and Geographical Sciences and associated research activities (thesis) and/or a short work placement - subject to availability

Sample Modules

1st year	2nd year	3rd year	Final year
> From Cell to Organism; Biological Function and Diversity; Living Landscapes or Global Environments; Differential Calculus; Introduction to Data Science	> Biogeography, Climatology, Geographical Methods > Intro to Statistics, Data Analysis, Using R for Statistics and Data Science > Evolutionary Biology; Environmental Biology; Intro. To Field Ecology Methods, Animal Physiology	> Geographical Information Systems; Climate Change; Oceanography; Medical Geography; Remote Sensing; Global Ecosystem Pressures and Sustainability; Microbiology; Ecology; Field Studies in Geography and Ecology; Plant Responses to the Environment; Data Visualisation	> Food Security and Sustainability; Behavioural Ecology; Molecular Ecology and Biogeography; Advanced Palaeoecology; Ecological Climatology and Modelling; Field-Scale Remote Sensing; Global Challenges

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BSc Physics with Astrophysics
CAO Code: **MH204** | CAO Points 2024: **383**

Places: 35
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p.157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics

Degree Overview

> This degree will appeal to students who are passionate about understanding astrophysical phenomena. It is based on the Single Major degree in Experimental Physics but with an increased emphasis on studying the physical principles needed to understand astronomical objects such as planets, stars and galaxies, as well as the dynamics of the Universe as a whole.

> Study the latest telescopes, satellites, detector technology and data analysis techniques used to make the exquisitely sensitive observations needed in modern astrophysics. Facilities include state-of-the-art laboratories, an observatory with a computerised Meade telescope, an atmospheric physics facility, and radio and cosmic ray telescopes.

> Students receive an excellent grounding in all the core areas of Experimental Physics, opening up all the career opportunities available to physicists. Field trips and scientific visits are organised to other facilities such as L'Observatoire d'Haute Provence (France), the European Space Agency (the Netherlands), Jodrell Bank (UK), St. Luke's Hospital and Armagh Observatory.

> Potential to transfer from MH201 into this degree. Places are limited and are based on results. See page 69.

After Graduation

> Physicists and astrophysicists find employment in high-tech fields and in areas where analytical and problem-solving skills are valued. Graduates have progressed to roles at Met Éireann, St. Luke's Hospital Dublin, the European Space Agency, NASA, Caltech, Intel, Hewlett Packard, and the Jet Propulsion Laboratory.

> Astrophysicists can find challenging and rewarding careers in astrophysics and also in fields such as medical physics, computational physics, forensic science, meteorology, environmental and atmospheric physics.

> The University has a long tradition of excellence in Physics and Astrophysics. Students who do sufficiently well are eligible to undertake research for an MSc or PhD degree under the supervision of one of the members of academic staff, who run active research programmes in these areas. This option is especially suitable for those wishing to pursue research careers, either in industry or academia.

Contact Us

Maynooth University Department of Physics, Science Building
↖ www.maynoothuniversity.ie/physics

You might also like

Course Structure

1st year	2nd year	3rd year	Final year
> Physics with Astrophysics > Mathematics > Choose 2 other Science subjects (Biology, Chemistry, Computer Science, Engineering Science, Mathematical Physics) (Note: students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science. See p. 69 for full details about subject combination limits in MH201)	> Physics with Astrophysics > Continue with 2 of your 1st year subjects - 1 full subject, 10 credits in the 2nd > Optional 10 credit Elective or Critical Skills (see p. 21 for details)	> Physics with Astrophysics > Continue with your other subject	> Students take Physics with Astrophysics only

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to Classical Physics: Mechanics, Physics of Heat, Electromagnetism and Optics > Introduction to Atomic, Molecular and Nuclear Physics > Introduction to Astrophysics: Solar System, Stars and Galaxies	> Electricity and Magnetism > Physical Optics and Astronomical Instrumentation > Mechanics and Thermal Physics > Quantum Physics > Astronomy	> Celestial Mechanics and Relativity > Stellar Structure and Evolution > Quantum Mechanics > Applied Electromagnetics > Thermodynamics and Statistical Mechanics > Introduction to Computational Physics	> Radio Astronomy > Observational Cosmology > Planetary Science > Statistics and Data Analysis > Computational Optics > Electromagnetic Radiation > Physics of Atoms and Quanta > Solid State Physics > Individual Project

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BSc Theoretical Physics and Mathematics
CAO Code: **MH206** | CAO Points 2024: **513**

Places: 10
Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p.157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H2 Mathematics

Degree Overview

> Study the entire physical world from the microscopic to the cosmic - topics such as black holes, the Big Bang, quantum computing, elementary particles and the fundamental forces of nature, superconductivity, neural networks, matter in extreme conditions, and simulation of physical and biological systems.

> Students develop a deeper understanding of the various areas of modern mathematics, including analysis, algebra, geometry, and topology.

> This accelerated three-year programme is designed for students with a very strong interest in theoretical physics and mathematics. Theoretical (Mathematical) Physics and Mathematics are studied throughout the three years of the programme.

> Understand how mathematical science underpins key areas of human endeavour and industry, from engineering to construction to economics, software development to space travel.

> Learn how to think hard and rigorously about mathematical questions and the fundamental theories of physics.

After Graduation

> Theoretical physicists and mathematicians are suitable for a wide range of occupations, not only in high-tech fields, but also in areas where analytical and problem-solving skills are valued.

> Graduates may consider careers in research and development, computing and software engineering, electronics, telecommunications, semiconductors, banking, finance, management and teaching, to name a few.

> Graduates are prepared for research in Mathematics and Theoretical Physics and their applications in science and technology. Many of our graduates move on to postgraduate study and research at our university or major international universities.

> The Maynooth University MSc in Theoretical Physics and Mathematics is a popular option.

Contact Us

Maynooth University Department of Physics, Science Building
www.maynoothuniversity.ie/theoretical-physics

Maynooth University Department of Mathematics and Statistics, Logic House
www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

BSc Computational Thinking p. 104
Mathematical Physics p. 76
BSc Mathematics (with Education) p. 146
BSc Physics with Astrophysics p. 140

Course Structure

> Accelerated 3-year degree

> Students enter directly into the 2nd year of the standard 4-year Mathematical Physics programme, and take a more challenging Mathematics programme beginning in first year

> Students concentrate on Theoretical Physics and Mathematics for each of the 3 years of the degree

> Given the accelerated nature of this programme, a H2 grade in Leaving Certificate Mathematics is required for entry. You require 50% in Maths (Pure) to proceed to 2nd year. You continue with Mathematical Studies in 2nd year if you attain less than 50%

Sample Modules

1st year	2nd year	Final year	
> Relativity	> Quantum mechanics	Students take 60 credits from modules in Theoretical Physics and Mathematics. The 60 credits can be divided between the two subjects with at least 20 credits in each subject.	> Advanced electromagnetism
> Electromagnetism	> Statistical mechanics		> General relativity
> Thermal physics	> Computational physics		> Quantum information processing
> Analysis	> Real and complex analysis		> Topology
> Linear algebra	> Group theory		> Differential geometry
> Multivariable calculus	> Rings and fields		> Number theory

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BSc Data Science
CAO Code: **MH207** | CAO Points 2024: **423**

Places: 10 **Duration:** 4 years	**Erasmus/Study Abroad Option:** No **Mature Applicants:** See p. 154 **QQI Link:** No **UK, EU & International Applicants:** See p.157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & a Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O1/H5 Mathematics

Degree Overview

> Data Science is the science of collating, managing, analysing, visualising and understanding data. It is key to unlocking the hidden wisdom that is stored in the vast amounts of data available in today's world.

> Data Science students take Statistics, Computer Science and Mathematics and crucially will learn to appreciate the overlap between eliciting valuable information from data through statistical reasoning and managing databases via complex manipulations.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH207 Data Science for students who have successfully taken Data Science, Computer Science, Mathematics and another subject. Students must attain 55% in Mathematics. Places are limited and are based on 1st year results.

> If you want to play a central role in solving the world's critical problems through data, or play an influential role in developing the next generation of Artificial Intelligence, then this degree programme is for you.

> By choosing this degree students become equipped with tools to collect and manage large volumes of raw data, to develop statistical models and understand their mathematical underpinnings, and to unlock valuable information stored within local, national and global datasets. In other words, they become exceedingly data literate!

After Graduation

> Data literacy is one of the most highly sought after skills by employers in today's data driven world, be it in business, science, health or social sciences and as such, graduates with data science skills are in high demand and are extremely attractive to employers.

> Graduates have the power to make the world a better place through channelling their analytical skills to solving global problems such as climate change, developing new drugs or eliminating world hunger.

> Employment opportunities across a wide range of fields (science, health, business etc.) are abundant for graduates of this degree programme.

> The Department offers a range of postgraduate study options.

Contact Us

Maynooth University Department
of Mathematics and Statistics, Logic House
➤ www.maynoothuniversity.ie/mathematics-and-statistics

You might also like

Course Structure

1st year	2nd year	3rd year	Final year
> Students take a specialised Data Science subject alongside Computer Science, Mathematics and choose one other subject from Engineering Science or (additional) Computer Science	> Statistics, Computer Science and Mathematics	> Statistics and Computer Science are taken	> Statistics and Computer Science are taken > Students undertake two capstone projects

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to Data Science 1 & 2 > Introduction to Computer Science 1 & 2 > Linear Algebra > Calculus	> Introduction to Statistics > Data Analysis > R for Statistics and Data Science > Nonparametric Statistics > Databases > Algorithms and Data Structures 1 & 2 > Operating Systems, Communications and Concurrency > Calculus > Linear Algebra	> Probability > Linear Models > Time Series > Programming for Data Science > Computer Networks > Software Engineering and Software Process > Data Visualisation	> Applications of Complex Models > Advanced R programming > Statistical Machine Learning > Robotics & Automation > Artificial Intelligence and Language Processing > Machine Learning and Neural Networks > Bayesian Data Analysis

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BSc Biological and Biomedical Sciences
CAO Code: **MH208** | CAO Points 2024: **470**

Places: 75
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: No
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p. 157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics

Degree Overview

> This is the study of life, from the fundamental building blocks of our genes to the largest animals that inhabit our planet; how living things work – how they interact with one another and their surroundings, and how they change and evolve; and it involves the application of biomedical science to clinical research.

> Students learn how to use analytical and technical procedures to monitor and improve human health and to investigate disease and study the science that is broadly similar to the pre-clinical component of a medical degree.

> Students also learn how to ask questions, make observations, and analyse evidence – in theory work and through practical laboratory sessions – and to present and communicate findings clearly while developing computer literacy and research skills.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH208 Biological & Biomedical Sciences for students who have taken Biology, Mathematics and another two subjects. See page 69 for details.

> The main strengths of the Department include Biological Control, Bioinformatics, Immunology, Medical Mycology, Molecular Genetics and Plant Biotechnology and staff have international reputations and expertise in these areas.

> Students enjoy the opportunity to study a Bachelor of Arts subject in first year such as Economics, Spanish or Anthropology. Alternatively, students can choose a Bachelor of Science subject.

After Graduation

> Students graduate with either a BSc in Biological Science OR a BSc in Biomedical Science.

 - BSc Biological Science graduates pursue careers in research, industry, and teacher training.

 - BSc Biomedical Science graduates pursue careers in research, industry or enter graduate entry degree programmes (e.g. medicine, pharmacy, veterinary) or engage in Biomedical research.

 - The BSc in Biomedical Science does not qualify to work in a hospital diagnostic laboratory, although graduates do work in clinical research.

> The Department of Biology offer a range of postgraduate study options.

Contact Us

Maynooth University Department
of Biology, Callan Building

🔗 www.maynoothuniversity.ie/biology

Or Course Director:
Prof Kevin Kavanagh
✉ kevin.kavanagh@mu.ie

You might also like
Biology in BSc Science (MH201) p. 70
BSc Biological & Geographical Sciences p. 139
BSc Biotechnology p. 138
BSc Pharmaceutical and Biomedical Chemistry p. 145

Course Structure

1st year	2nd year	3rd & Final year
> 30 credits of Biology in 1st year, Mathematics and 1 other Science or Arts subject. Available Science subjects are Chemistry, Computer Science or Experimental Physics. Compatible Arts subjects: Anthropology, Business (International), Business (Management), Business (Marketing), Economics or Spanish	> Concentrate on Biology and Biological Science, along with Mathematics, Chemistry, Computer Science or Experimental Physics (if taken in 1st year). Mathematics is taken if you chose an Arts subject > Optional Critical Skills or Elective available in second year (see p. 21 for details)	> Choose from a range of Biological and Biomedical Science topics depending on your preferences

Sample Modules

1st year	2nd year	3rd year	Final year
> From Cell to Organism; Biological Function and Diversity; Human Biology; Mechanisms of Human Disease	> Biochemistry; Cellular Biotechnology; Immunology; Evolutionary Biology; Molecular Biology; Environmental Biology; Animal Physiology	> Molecular Pharmacology & Toxicology; Microbial Biotechnology; Animal Behaviour; Microbiology; Immunology; Molecular Biology; Ecology; Proteomics	> Plant Biotechnology; Advanced Immunology; Tumour Biology; Organelle Genome Evolution; Genomics and Proteomics; Molecular Ecology; Medical Mycology; Translational Clinical Research; Antibiotics; Neuromuscular Biology; Clinical Proteomics; Control of Protein Activity; Plant Development; Seminar Series; Advanced practicals; Literature project; Research Methodology; Research project

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BSc Psychology (through Science)
CAO Code: **MH209** | CAO Points 2024: **518**

Places: 23
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes – research internship & work placement (subject to availability)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p.157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics

Degree Overview

> This degree is accredited by the Psychological Society of Ireland (PSI).

> Psychology is the scientific study of mental life and behaviour. It involves areas such as Brain and Behaviour, Social Psychology, Cognitive Psychology, Developmental Psychology and Psychological Research Methods.

> The BSc Psychology degree is a four year route to a PSI-accredited degree. In third year, students have the option of spending one semester on work placement or studying abroad, and one semester on a research internship (all subject to availability).

> This degree is for students who are interested in studying the human mind and behaviours with the rigours of scientific testing.

> Students use research methods including observation, measurement, hypothesis testing, experimentation, logical inference and statistical analysis.

> For those with an ambition to have a career as a professional psychologist, this PSI-accredited degree opens up a variety of further study and career paths.

After Graduation

> A variety of career paths are available, both within and outside psychology: for students who aim to pursue a career as a professional psychologist, an undergraduate degree is the first stage in professional training that will require an additional two to six years of study and supervised experience.

> Examples of professional psychologists include:
> - Clinical Psychologists, who work in healthcare settings;
> - Educational Psychologists, who work in schools;
> - Organisational Psychologists, who work in business and work settings.

> A variety of career paths outside of psychology are also open to graduates. Some graduates choose to pursue postgraduate conversion courses in different fields of interest.

Contact Us

Maynooth University Department of Psychology, John Hume Building

↳ www.maynoothuniversity.ie/psychology

You might also like
Psychological Studies in Arts (MH101) p. 62
BA Psychology p. 119

Course Structure

1st year	2nd year	3rd year	Final year
> Psychology > Mathematics > Choose 1 other Science subject from Biology, Chemistry, Computer Science, Engineering Science or Experimental Physics	> Psychology as a Single Major subject > Optional 10 credit Elective or Critical Skills in 2nd year (see p. 21 for details)	> 1 semester on work placement or studying abroad and 1 semester on a research internship	> Psychology studied as a Single Major subject

Sample Modules

1st year	2nd year	3rd year	Final year
> Introduction to Biological, Cognitive, Social and Developmental Psychology and Individual Differences > Introduction to Research Design and Analysis in Psychology > Introduction to Practical Experimental Psychology	> Cognitive Psychology, Developmental Psychology and Brain and Behaviour > Professional Issues and Considerations in Psychology > Practical Experimental Psychology > Quantitative and Qualitative Research Methods	> Research Internship > Study Abroad OR Work Placement (subject to availability)	> Psychology of Learning > Social Psychology > Neuropsychology > Criminal Psychology > Critical Analysis in Contemporary Psychology > Mental Health

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BSc Pharmaceutical and Biomedical Chemistry
CAO Code: **MH210** | CAO Points 2024: **451**

Places: 24
Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability
Placement Option: Yes - subject to availability
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p.157x

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics

Degree Overview

> In this programme you will receive an excellent education in a range of different aspects of Chemistry, with a focus on Pharmaceutical and Biomedical Chemistry and Biology.

> Chemistry is taken with: Mathematics, Biology and one other Science subject in first year, with Biology and Mathematics or an Elective in second year and with Pharmaceutical and Biomedical Chemistry and Biology in third year.

> In fourth year you will have the opportunity to undertake a six-month work placement/internship (subject to availability). This provides an insight into the working environment of a professional chemist and helps graduate career prospects.

> This innovative programme develops skills in problem-solving, communication, scientific writing and presentation – all highly valued in the workforce. These transferable skills help provide employment opportunities in chemistry and non-chemistry based careers.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH210 Pharmaceutical and Biomedical Chemistry (subject to availability of places) for students who have taken Chemistry, Biology, Mathematics and another subject. See page 69 for more details.

> If you are interested in the areas of chemistry that are important for the pharmaceutical and biomedical industries, then this is the degree for you.

After Graduation

> The pharma-chemical industry in Ireland employs more than 26,000 people and produces over €100bn in annual exports. Chemists work in a wide range of companies, from pharmaceutical and biotechnology companies to cosmetics and medical devices firms, as well as in the agricultural, food and drinks sector. Their roles include laboratory-based quality control, research and development, manufacture support or regulatory positions.

> Postgraduate study options include: Research MSc and PhD in Chemistry.

Contact Us

Maynooth University Department
of Chemistry, Science Building
www.maynoothuniversity.ie/chemistry

You might also like

BSc Biotechnology p. 138
Chemistry in BSc Science (MH201) - see section 2
BSc Science (with Education) p. 146

Course Structure

1st year	2nd year	3rd and Final year
> Biology > Chemistry > Mathematics > 1 other subject (Computer Science, Experimental Physics or Mathematical Physics)	> Chemistry > Biology > Pharmaceutical Chemistry Workshops > Mathematics > Optional 10 credit Elective or Critical Skills (see p. 21 for details)	> Chemistry > Pharmaceutical and Biomedical Chemistry > Biology > Work placement/internship (subject to availability)

Sample Modules

1st year	2nd year	3rd year	Final year
> From Cell to Organism > Biological Function and Diversity > General Chemistry	> Biochemistry, Molecular Biology of the Cell > Biotechnology Processes, Cellular Biotechnology > Organic Chemistry > Spectroscopy and Analytical Chemistry > Inorganic Chemistry	> Heterocyclic, Carbohydrate and Peptide Chemistry > Biomedical Chemistry of Drug Action > Biomolecule Production and Structure Determination > Introduction to Immunology, > Molecular Biology	> Bioinorganic and "F" Block Chemistry > Medicinal Chemistry and Drug Design > Medical Mycology > Work placement/internship (subject to availability)

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BSc Science or BSc Mathematics and Computer Science or BSc Mathematics (with Education)
CAO Code: MH212 SED or MCS or MED | CAO Points 2024: 420

Places: 65 (MH212)
Duration: 4 years + 1 year postgraduate study

Erasmus/Study Abroad Option: No
Placement Option: Placement is required
Mature Applicants: See p. 154
QQI Link: No
UK, EU & International Applicants: See p.157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics*
OPC (Open Choice Option): Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

*Students admitted to MH212 are required to have H4 Mathematics to register for MCS or MED.
Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

Degree Overview

There are three MH212 streams – students choose one stream and have up to four weeks to decide their preference.

> **MH212 SED:** If you are interested in a career as a second-level science and/or mathematics teacher, this may be the degree for you.

> **MH212 MCS:** If you are interested in a career as a second-level mathematics and computer science teacher, this may be the degree for you.

> **MH212 MED:** If you are interested in a career as a second-level mathematics and applied mathematics teacher, this may be the degree for you.

> Students take a five year route to second-level teaching studying a four-year Science/Mathematics/Computer Science degree, while also completing 60 credits in Education.

> After four years students are awarded a BSc Science (with Education) or BSc Mathematics and Computer Science (with Education) or BSc Mathematics (with Education) degree – a level 8 honours degree. Students now have two pathways open to them:

1. Students can choose to exit their studies with their level 8 qualification and take a different path in their education or career.

   OR

2. Students can continue with their studies to become a fully qualified teacher. This means they complete one further year of study at postgraduate level - necessary to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with their level 8 degree, students are guaranteed their place in this postgraduate year.

> At the end of year five of their studies, students graduate as:

- MH212 SED: fully qualified second-level science and/or mathematics teacher, up to Leaving Certificate level.
- MH212 MCS: fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level.

- MH212 MED: fully qualified second-level mathematics and applied mathematics teacher up to Leaving Certificate level.
- Through this pathway students are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point below).

> An alternative six-year route to second-level teaching is available. Students can take the BSc Bachelor of Science degree (MH201) for four years and then apply for a place on the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

After Graduation

> **MH212 SED:** depending on the subjects chosen during the course of the degree, graduates will be in a position to teach any two of the following subjects to senior cycle level (HL): mathematics, biology, chemistry, physics.

> **MH212 MCS:** fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level.

> **MH212 MED:** fully qualified second-level mathematics and applied mathematics teacher up to Leaving Certificate level.

> Graduates apply to the Teaching Council of Ireland for registration.

Contact Us

Maynooth University Department of Education, School of Education

➤ www.maynoothuniversity.ie/education

You might also like

BSc Bachelor of Science p. 68

Up to 2 places each year may become available in MH212 for students successfully completing their first year of MH201. Availability and selection will be on the basis of first year results and dependent on programme capacity.

Course Structure

> After four years of concurrent Science and Education studies, students may graduate with a Level 8 honours degree in Science/Mathematics/Computer Science (with Education)	> To become a fully qualified science/mathematics/computer science teacher, students must complete a fifth year of study at Master's level – the Professional Master of Education	> Once students reach the required standards after 4th year, the place in 5th year is guaranteed

Sample Modules

1st year	3rd year	4th year	Final year
> Biology > Chemistry > Experimental Physics > Mathematics > Computer Science **2nd year** > Continue with any 2 of your 1st year Science subjects > Introduction to Teaching – Critical Reflection on Science and Mathematics Teaching and Learning including school-based experience in semester two > Foundations of Education	> Continue with your 2 Science subjects (40 credits) > School-based experience (1 day per week) > Learning, Teaching, Assessment and Curriculum > Global Citizenship Education > Critical Reflections on Science and Mathematics Teaching and Learning	> Continue with your 2 Science subjects (40 credits) > School-based experience 3 (2 week block in September and 1 day per week in semester 1) > The Teacher as Critically Reflective Practitioner > Inclusion, Diversity and Special Needs Education > Critical Reflections on Science and Mathematics Teaching and Learning	> School-based experience 4 (3 days per week in school) > Teaching, Learning, Assessment and Curriculum: The Practice of Teaching > Becoming a Teacher > Lesson Study Research Project

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BSc Sport Science and Health
CAO Code: **MH221** | CAO Points 2024: **462**

Places: 35
Duration: 4 years

Erasmus/Study Abroad Option: No
Placement Option: Yes (subject to availability)
Mature Applicants: See p. 154
QQI Link: See p. 154
UK, EU & International Applicants: See p.157

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics & O6/H7 Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics or Physics with Chemistry)

Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

Degree Overview

> The BSc Sport Science and Health is based on the core scientific disciplines of sport and exercise science including coaching, physiology and biomechanics. It considers three core questions; how does the human body respond to the different types of exercise, how can we maximise the effects of training on sport and exercise performance, and how can physical activity and exercise reduce and prevent disease and injury?

> This programme focusses on the value of exercise and sport for the enhancement of health, for the high performing athlete and in the case of the general population, to help with specific health concerns for the ill, the aging, or those recovering from injury. With the future of exercise as a clinical intervention, this programme provides a strong scientific foundation for career development in this area.

> Students will develop a strong scientific basis in the area of the life sciences, nutrition, and the sport sciences specifically. Students will also learn the scientific basis of sport performance and how the body reacts and adapts to exercise and physical activity. This will provide students with graduate opportunities in both the sport science sector and in the broader life science sector.

> Data is increasingly being used in sport science, enabling personalized exercise interventions to improve health and performance. This programme provides a strong data science component, including data analytic techniques, to equip our students with the skills needed to use data fully for group training and personalized exercise interventions.

> Work placement: The opportunity to undertake a 6-month work placement (subject to availability), in Ireland or abroad. As an integral part of the degree, this gives students the opportunity to put learning into practice in a professional setting and significantly improves graduate employability.

After Graduation

> The sports, exercise and well-being sectors are some of the largest service industries in Ireland and globally - ranging from small to large enterprises. In addition, professional and amateur sporting bodies are some of the largest community-based activities in any region. Each of these activities benefit from professionals who understand the science of sport, exercise, and physical activity to improve health and performance, and develop new products and services to support athletes and the general population.

> Graduates will be suitably qualified to gain employment in the sports, exercise, health, and well-being sectors, which may include:
- High performance coach
- Health promotion
- Product and service development in sports and exercise
- Sport science data analyst
- Community health and fitness professional
- Sports coach with a club or within the community

> Sport Science and Health graduates may also be interested in further study in the area of healthcare, such as physiotherapy and sports psychology.

> With the strong scientific foundation, students will also be highly employable in other careers in the life sciences and health sector.

> Careers in research are also possible for Sport Science graduates who may pursue research opportunities at master's and PhD level.

Contact Us

Maynooth University Department of
Sport Science and Nutrition, Callan Building

www.maynoothuniversity.ie/sport-science-and-nutrition

Course Structure

1st year	2nd year	3rd year	Final year
Sport Science, Biology, Mathematics, and 1 other Science subject (Computer Science is not available)	> Concentrate on Sport Science and Biology > Optional 10 credit Elective or Critical Skills (see p. 21 for details)	> Focus mainly on Sport Science and Health > Second semester includes work placement (subject to availability) or other opportunities for experiential learning	> Concentrate on advanced topics in Sport Science and Health > A capstone project

Sample Modules

1st year	2nd year	3rd year	Final year
> Coaching Science and Performance 1 > Physiology and Exercise > Anatomy and Biomechanics > Biological Function and Diversity	> Coaching Science and Performance 2 > Cardiovascular and Respiratory Physiology > Sports Injuries > Physiological Measurement and Exercise Testing	> Coaching Science and Performance 3 > Applied Sports Psychology > Nutrition for Health and Performance > Exercise for Health and Rehabilitation > Physiological Adaptation and Training	> Technology and Data in Sports > Sports Nutrition & Pharmacology > Sports Communication and Management > Physiological Systems and Elite Performance

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BSc Food Science and Human Nutrition
CAO Code: **MH222** | CAO Points 2024: **441**

Places: 25 **Duration:** 4 years	**Erasmus/Study Abroad Option:** No **Placement Option:** Yes (subject to availability) **Mature Applicants:** See p. 154 **QQI Link:** See p. 154 **UK, EU & International Applicants:** See p.157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics & O6/H7 Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics or Physics with Chemistry).

Degree Overview

> The BSc Food Science and Human Nutrition degree provides students with a broad science-based education, with specialist content on the future of food development and production, safety and quality assurance, food chemistry, human nutrition, the role of food and healthy living, how we sense and perceive food, the future of food in a diverse society and the social and global challenges around food security.

> In third year students have an opportunity to undertake a work placement (subject to availability), in Ireland or abroad, putting learning into practice. Given the diversity of businesses in this sector, ranging from food production to assurance to development, there are opportunities to apply learning in areas to suit all interests. As an integral part of the degree, this work placement opportunity significantly improves graduate employability.

> The degree programme explores the future of food, from superfoods that address particular health concerns, to the challenges around obesity, allergies, food security and sustainability. This will give a unique perspective to anyone interested in future food product development.

After Graduation

> The food sector is Ireland's largest industry with a turnover in excess of €25 billion, sustaining over 230,000 jobs. It consists of a range of companies from major multinationals to niche food suppliers, with a reputation internationally for quality, sustainability, and innovation.

> The global food industry is currently facing unprecedented challenges – with changing dietary habits, food security with dispersed supply chains, demands for low-carbon production, as well as functional foods. In Ireland, the food sector is increasingly moving from raw ingredients to value-added food product development. This is driving the need for a more skilled workforce in all aspects of food production, handling, and product development.

> This programme is designed to support careers in both large multinational companies and small custom businesses, as well as exploring the social policy aspects. It will support roles as diverse as product development, public health, food quality assurance and safety. As one of Ireland's largest sectors, graduates are in high demand in all of these areas.

> Graduates of this programme will be able to take up roles in production management, nutrition, food quality and safety, new product development and research, and sales and marketing. There are also opportunities for employment in the public sector such as in the Department of Agriculture, Food and the Marine, and Teagasc or working for charities on health promotion.

> This programme is excellent preparation for progression to accredited postgraduate programmes in the area of Dietetics, as well as other postgraduate opportunities in the area of public health and social policy.

> There are opportunities for students to undertake research degrees, at Master's and PhD level in a variety of topics in the area of food science and nutrition.

Contact Us

Maynooth University Department of Sport Science and Nutrition, Callan Building

➤ www.maynoothuniversity.ie/sport-science-and-nutrition

Course Structure

1st year	2nd year	3rd year	Final year
> Food & Nutrition, Biology, Chemistry, and Mathematics	> Concentrate on Food & Nutrition, Biology and Chemistry > Optional 10 credit Elective or Critical Skills (see p. 21 for details)	> Focus mainly on Food Science and Nutrition > Second semester includes work placement (subject to availability) or other forms of experiential learning	> Concentrate on advanced topics in Food Science & Nutrition > A capstone project

Sample Modules

1st year	2nd year	3rd year	Final year
> Food, Diet and Health > Food, Physiology & Exercise > From Cell to Organism > Biological Function & Diversity	> Human Nutrition > Food Chemistry and Analysis > Energy & Metabolism > Food – Trends, Challenges and Opportunities > Biochemistry	> Food Production Systems > Food Choice - Taste and Flavours > Food Microbiology > Nutrition As We Age > Texture and Structure of Food	> Nutrition & Global Health > Personalised Nutrition > Food Safety and Authenticity > Food Marketing and Product Development > Functional and Sustainable Foods

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BSc/BBA Business with Sport Science
CAO Code: **MH412** | CAO Points 2024: **487**

Places: 35 **Duration:** 3 years (4 years with optional placement or Erasmus/Study Abroad)	**Erasmus/Study Abroad Option:** Yes - subject to availability **Placement Option:** Yes* - see Course Structure for details **Mature Applicants:** See p. 154 **QQI Link:** See p. 154 **UK, EU & International Applicants:** See p.157	**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

Degree Overview

> **Maynooth University offers the only programme that allows students to combine a full business with sports science degree. This programme is for students who have a desire to work in the growing and diverse range of businesses in the area of sports, exercise and well-being.**

> **The sports, exercise and well-being sector is one of the largest service industries in Ireland and globally. Ranging from small to large enterprises, many are run by sports-professionals. These businesses need graduates who can understand both the science and practicalities of the sports and exercise sector, and the fundamentals of how to create value and make a profit - via services and solutions that meet a variety of customers.**

> **MH412 provides students with the unique option of combining Business with sports related content - from practical exercise skills to the science behind human performance and well-being.**

> **In third year, students have an opportunity to undertake an accredited work placement (subject to availability), in Ireland or abroad, which gives students a chance to put learning into practice and which significantly improves employability upon graduation. Given the diversity of businesses in this sector, many run by those without formal business training, people with both business and sports science knowledge are highly attractive with many opportunities.**

After Graduation

> This is a rapidly growing sector, with a deep demand for graduates that bridge the fields of business and sports - employees that have both a deep insight into how to create value for businesses (through business skills) and the science of sports exercise.

> Many enjoy sporting activities but sports and exercise are well known to have mental and physiological benefits. In combination with the business modules, this programme will allow students to understand how sports and exercise can impact on health, allowing graduates to explore how this can be translated to new services and solutions.

> Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the businesses, domestically and globally. The addition of sports science will allow graduates to access opportunities in the sports and exercise market. That could be from small local enterprises to large companies that operate sporting enterprises or that supply services to the sports, exercise and health sectors.

> Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

Contact Us

Maynooth University School of Business,
TSI Building, North Campus
▶ www.maynoothuniversity.ie/business

Course Structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of Business. This will provide you with foundational knowledge of your business subject. You will also take 15 credits of the sports science programme, and 15 credits of another first year subject (Groups 1, 3 or 4 - see p. 32).	For business, second year is about learning the functional capabilities of your subject, including some optional choices. In addition you will take 20 credits of sports science modules.	Work placement or study abroad year between 2nd and final year and graduate after the 4th year. (*The University will support you in the search for a placement job; however, the process is competitive. Students who choose to take the year 3 placement option will be required to undergo Garda Vetting in advance of this placement.)	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by 20 credits of content from sports science.

Sample Modules

1st year	2nd year	Final year
> Business Models and Marketing > Organisational Behaviour and Management > Coaching Science and Performance 1 > Introduction to Anatomy and Biomechanics	> Project Management > Data Management Skills for Business > Physiological Measurement and Exercise Testing > Sports Injuries	> Strategic Management > Social Media > Nutrition for Health and Performance > Exercise for Health

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SUMMER OPEN DAY
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JUNE 2025

For all your Maynooth and CAO
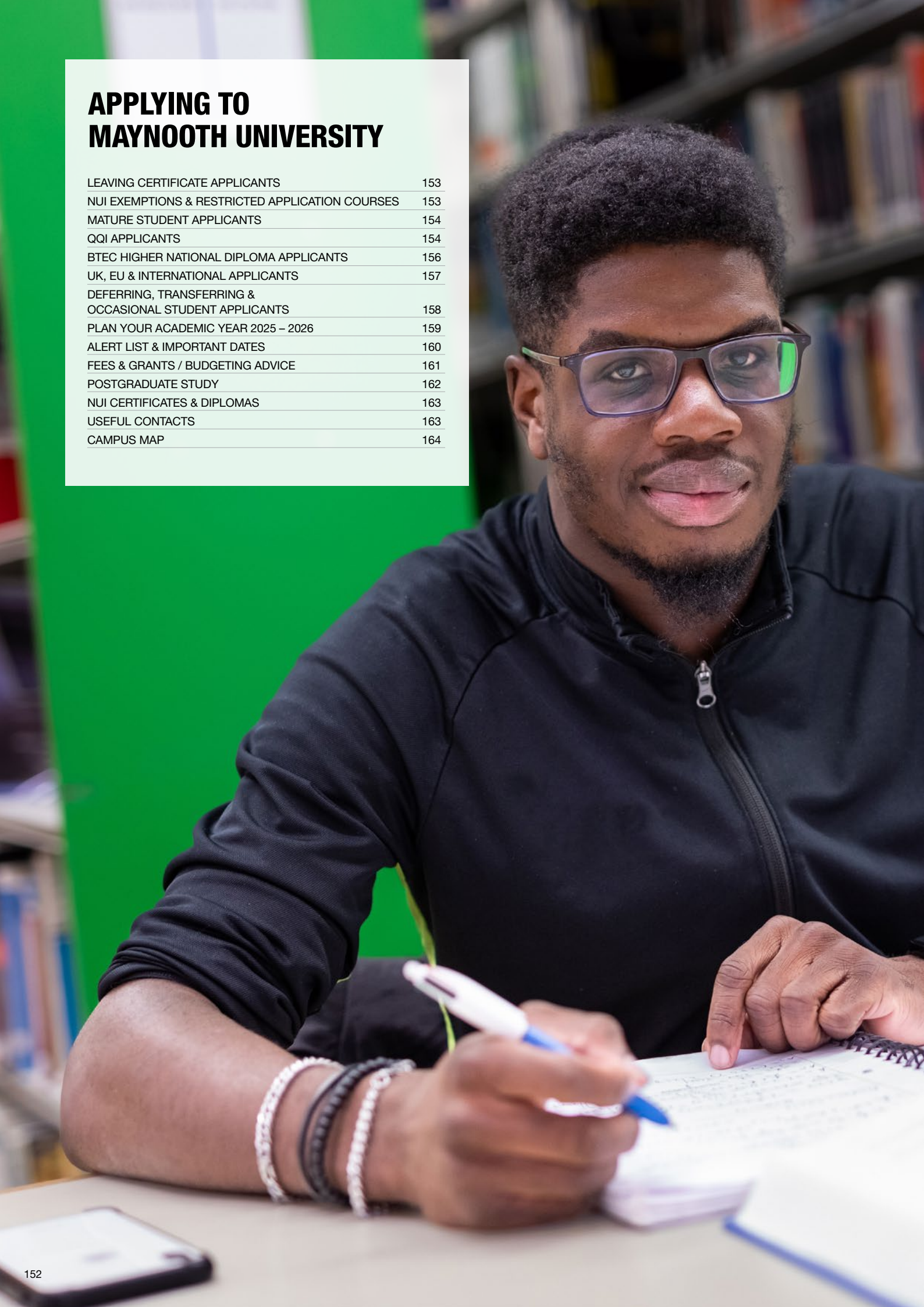level 8 degree questions visit:
www.mu.ie/level8

**Scan to register for
our next Open Day**

@ MaynoothCAO   ask   on webchat   ask a student

APPLYING TO MAYNOOTH UNIVERSITY

LEAVING CERTIFICATE
APPLICANTS

APPLYING THROUGH THE CENTRAL APPLICATIONS OFFICE (CAO)

If you are under 23, and sitting the Leaving Certificate in 2025, you must apply for your choice of Level 8 bachelor's degree through the Central Applications Office (CAO). All applicants (except EU occasional and non-EU students) must apply through the Central Applications Office.

Apply online at **www.cao.ie** or request details from:

Central Applications Office, Tower House, Eglinton Street, Galway

☎ + 353 91 509800

The main deadline for submission of applications is 1st February 2025 but you may apply from early November 2024. A standard fee applies (apply by January 20th for a reduced fee). Late applications are accepted up to 1st May 2025, on payment of an additional fee, however certain degree courses are no longer available for application at this stage. See restricted-application courses opposite for more details. A change of mind facility is available up to 1st July 2025.

On your CAO application you are invited to enter your choice of courses in 'order of preference'. It is essential that you list your selected courses in order of choice. Put your first choice in the number one position, followed by your second and third choice, and so on. The University offers places to applicants in order of merit, once they meet the minimum entry requirements (see page 5 for details). The order of merit is calculated based on a points system. Places are allocated to applicants with the required points according to their list of CAO preferences, with applicants who meet the points requirements being offered their course in order of preference. For this reason it is essential that you list your CAO course choices in your genuine order of preference. The University distinguishes between applicants who have equal points by appending a randomly generated number to each score. The combined score/random number is the final determinant of position in the order of merit (this is called Random Selection).

AGE RESTRICTIONS

In general, students must be 17 years or older by 15th January in the year after entry to the University. If you are younger, you must make a special application to the University's President. A mature student is someone who is 23 years or older by 1st January in the year of entry to the University. For part-time degrees the mature age is 21 by the 1st January in the year of entry. For more information on applying as a mature student see page 154.

LEAVING CERTIFICATE VOCATIONAL PROGRAMME (LCVP) LINK MODULES

Points are awarded as follows:

Distinction	Merit	Pass
66	46	28

Applicants can use their points allocation for the Link Modules as one of their best six subjects for the purpose of calculating points, but the Link Modules do not qualify as a subject for minimum entry requirement purposes.

CAO POINTS SYSTEM

Irish Leaving Certificate subjects – scan QR code for grades and points awarded at higher and ordinary level.

All Leaving Certificate subjects carry equal points with the exception of *Mathematics (details below). Points are awarded for your six best subjects in any one year. These do not have to include subjects needed to meet general minimum entry requirements. Minimum entry requirements and course requirements may be satisfied by an accumulation of subjects over more than one year. As well as achieving the required points, you must have a minimum of six subjects in your Leaving Certificate, with two Higher Level subjects at grade H5 and four Ordinary or Higher Level subjects at grade O6/H7.

The requirements for each course are shown in the table on page 5.

* 25 bonus points are added to the points score for a Leaving Certificate Higher Level Mathematics grade H6 or higher. The bonus points are included in the overall points calculation only when Mathematics is one of the applicant's best six subjects following the addition of the bonus.

NUI LANGUAGE EXEMPTIONS

Maynooth University along with many other universities have language general entry/matriculation requirements. Before applying for any course it is important to check the minimum entry requirements on the website and also set out on p. 5-7 of this prospectus. If you do not meet these requirements and you believe you may be entitled to an exemption, you should make an application to the NUI (National University of Ireland) without delay.

Typically, it takes 2-3 weeks (approximately) for Exemption Application Forms to be processed by NUI, but it may be longer. Applicants should review their CAO account to ensure it accurately reflects the exemptions required.

Please note that this refers to an exemption from minimum entry requirements only. Where a course has a specific requirement for a certain grade in Irish, for example, MH001 BEd Bachelor of Education - Froebel Primary Teaching, an NUI exemption will not meet this requirement. **Visit www.nui.ie for all the most up-to-date information about exemptions.**

CAO RESTRICTED-APPLICATION COURSES

MH103 and MH116 are restricted-application courses at Maynooth University and have assessment procedures which may commence as early as February 2025. Selection for these restricted-application courses is on the basis of one, or a combination of, a written exercise/interview/online video audition, as well as meeting any matriculation requirements. Please see degree course pages for details.

An application for a restricted-application course will not be considered unless it has been included among your original course choices by 1st February (in some cases a restricted-application course can be added up to 1st March - see **www.cao.ie** for details). Restricted-application courses which are included in Late Applications are invalid choices and will not be considered.

If you have a disability or specific learning difficulty (e.g. dyslexia), and require support for any written assessments, you must complete the online request form and submit supporting documentation by 15 March 2025. Applications for alternative examination accommodation cannot be considered after this deadline.
See p. 17 for more details.

MATURE STUDENT APPLICANTS

MATURE STUDENT OFFICE

Maynooth University greatly values the particular contribution of mature students to the academic and social environment of the University. A mature student is 23 years or older by 1st January in the year of entry to the University. For part-time degrees the mature age is 21. There is no upper age limit; we currently have students who range in age from 23 to over 70. Up to 200 mature students begin their studies here each year. Many of our mature entrants undertake preparatory studies in advance of gaining admission.

The Mature Student Office is committed to supporting the learning experience of our mature students. A certain number of places are reserved for mature students on all undergraduate courses. We offer a range of supports for mature students including an advisory service, tailored information sessions during Orientation/Welcome Week, academic advisors, the Student Budgeting Advice Service and a technology skills programme. There is also a Mature Student Society on campus providing a continuation of peer support, both academic and social, to incoming mature students.

Call, email or drop in to meet us in MAP Lodge on the North Campus or to request a mature student information pack. If the opportunity to return to education has presented itself to you, we hope you'll choose Maynooth University.

Emer Sheerin, Mature Student Officer
☎ + 353 1 708 3307
✉ emer.sheerin@mu.ie

HOW TO APPLY

Mature applicants must apply through the Central Applications Office (CAO) before 1st February. Late applications for certain degree programmes from mature students may be accepted after this date. Visit the mature applicant section of the HOW TO APPLY webpages for information about the application process.

MH103 BMUS AND MH116 BSOCSC COMMUNITY AND YOUTH WORK

Applicants who wish to apply to the following restricted-application courses BMus Bachelor of Music (MH103) or BSocSc Community and Youth Work (MH116) MUST apply before 1st February in order to be included in the written exercise/interview/online video audition. See p. 153 for more about restricted-application courses and assessment supports. Please see degree course webpages for details about specific application procedures.

MH001/MH002 BACHELOR OF EDUCATION - FROEBEL PRIMARY TEACHING

Application must be made to the CAO prior to February 1st 2025. Candidates meeting the eligibility criteria will receive a supplementary application form from Maynooth University.

Visit our **HOW TO APPLY** webpages for more **Mature** and **QQI** applicant information.
www.maynoothuniversity.ie/howtoapply

QQI APPLICANTS

HOW TO APPLY - QQI APPLICANTS

If you have a relevant QQI or BTEC qualification, you can use this to apply to a full-time, undergraduate degree programme at Maynooth University.

Any QQI major award, with a minimum of five distinctions, fulfils the minimum entry requirements for admission to the University; however, due to the high demand for our courses, a higher number of distinctions is required for entry in many instances.

Some of our degrees and some of the subjects available in our degrees have additional minimum entry requirements or grade recommendations (required or recommended grade depends on the degree/subject). All details are set out on the HOW TO APPLY webpages **www.maynoothuniversity.ie/howtoapply**

A major award must be achieved. Component certificates do not suffice. While the major award may be achieved over a number of sittings, for scoring purposes, results achieved in a SINGLE SITTING are counted, i.e. between 1st August – 31st July.

Application is made through the Central Applications Office (CAO).

Apply online via **www.cao.ie** or by contacting:
Central Applications Office, Tower House, Eglinton Street, Galway.
☎ + 353 91 509800

There is a normal fee for applications received on or before 17:00, 1st February 2025 (apply by January 20th for a reduced fee). Late applications are accepted up to and including 1st May 2024 on payment of an additional fee. Applicants who wish to study restricted-application courses BSocSc Community and Youth Work (MH116) or BMus Bachelor of Music (MH103) must apply before the 1st February 2025.

All information regarding awards, scoring and any additional entry requirements for specific degrees is outlined on the HOW TO APPLY webpages.

THE FOLLOWING DEGREE PROGRAMMES HAVE QQI LINKS:

CAO Code	Degree	Level 5 or 6 Places	2024 QQI Points
MH101	BA Bachelor of Arts	175	309
MH003	BA Early Childhood - Teaching and Learning (full-time)	6	358
MH004	BA Early Childhood - Teaching and Learning (flexible)	50	>
MH103	BMus Bachelor of Music	3	#
MH106	BA Psychology (through Arts)	3	390*
MH107	BSocSc Bachelor of Social Science	15	325
MH109	BA Media Studies	10	325
MH116	BSocSc Community and Youth Work (full-time)	5	#
MH201	BSc Bachelor of Science	25	341
MH202	BSc Biotechnology	4	341
MH203	BSc Biological and Geographical Sciences	4	390
MH208	BSc Biological and Biomedical Sciences	8	374
MH209	BSc Psychology (through Science)	2	374
MH210	BSc Pharmaceutical and Biomedical Chemistry	2	390
MH221	BSc Sport Science and Health	5	374
MH222	BSc Food Science and Human Nutrition	3	390
MH305	BSc Product Design and Innovation	4	374
MH306	BSc Robotics and Intelligent Devices	4	No offers
MH401	BA Finance	6	390
MH403	BA Accounting and Finance	10	358
MH404 BMA	BBS/BBA Business and Management	25	325
MH404 INB	BBS/BBA International Business		
MH404 MKT	BBS/BBA Marketing		
MH404 BGC/IGC/MGC	BBS/BBA Business and Global Cultures		
MH407	BBS/BBA Business and Accounting	5	341
MH409	BBA Business and Languages	5	358
MH411	BBS/BBA Entrepreneurship	5	341
MH412	BSc/BBA Business with Sport Science	5	374
MH416	BA International Economics	3	No offers
MH501	LLB Law	5	374
MH502	BCL Law and Accounting/Business/Criminology/Arts	20	358
MH503	BCL (Law and Languages)	5	358
MH504	BA Criminology (NEW)	2	N/L
MH601	BSc Computer Science/Multimedia through Arts	5	374
MH602	BSc Computer Science/Multimedia through Science	10	374

Assessment may involve written exercise/interview/online video audition.   ***** Random Selection: not everyone on these points was admitted.
N/L New link.

> Level 6 Award in Early Childhood Education and Care required. MH004 will run subject to sufficient numbers in 2025.
A decision on September 2025 intake will be made in May 2025. For more details please contact the Department.

BTEC
HIGHER NATIONAL DIPLOMA APPLICANTS

Holders of a BTEC Higher National Diploma, Extended National Diploma Award (180 credits) or OCR Level 3 Cambridge Technical Extended Diploma Award (180 credits) with Merit/Distinction Grade in any discipline, will be considered for admission to the first year of the MH101 Bachelor of Arts degree.

Applicants wishing to pursue any of the following honours bachelor's degree courses must present the appropriate award (these linked courses are listed under the various degrees below).

> **MH107 BSocSc Bachelor of Social Science**

> **MH109 BA Media Studies**

> **MH201 BSc Bachelor of Science**

> **MH401 BA Finance**

> **MH403 BA Accounting and Finance**

> **MH404 BBS/BBA Business and Management/International Business/Marketing/Business and Global Cultures**

> **MH407 BBS/BBA Business and Accounting**

> **MH409 BBA Business and Languages**

> **MH411 BBS/BBA Entrepreneurship**

> **MH412 BSc/BBA Business with Sport Science**

> **MH416 BA International Economics**

> **MH601 CSA BSc Computer Science and Software Engineering (through Arts)**

> **MH601 MWA BSc Multimedia, Mobile and Web Development (through Arts)**

> **MH602 CSS BSc Computer Science and Software Engineering (through Science)**

> **MH602 MWS BSc Multimedia, Mobile and Web Development (through Science)**

Applicants will be graded on the best 6 modules in the second year.

For degrees that have a specific maths requirement, applicants must present Mathematics at Leaving Certificate level with a minimum grade of O4/H7 or must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

Application is made through the Central Applications Office (CAO). Please email BTEC results when received to admissions@mu.ie, clearly stating the CAO application number.

MH101
> BTEC Higher National Diploma
> BTEC Extended National Diploma Award (180 credits)
> OCR Level 3 Cambridge Technical Extended Diploma Award (180 credits)

Entry to the first year of the Bachelor of Arts Degree will be considered for holders of the above awards in all disciplines with Merit/Distinction Grade.

MH107
BTEC/OCR Awards
> BTEC Higher National Diploma in Applied Social Studies/Social Care
> BTEC Extended National Diploma Award in Applied Social Studies/ Social Care (180 credits)
> OCR Level 3 Cambridge Technical Extended Diploma Award in Applied Social Studies/Social Care (180 credits)

Entry to the first year of the Bachelor of Social Science degree will be considered for any of the above. Selection will be based on results.

MH109
BTEC/OCR Awards
> BTEC Higher National Diploma in Media Studies/Media Production
> BTEC Extended National Diploma Award in Media Studies/Media Production (180 credits)
> OCR Level 3 Cambridge Technical Extended Diploma Award in Media Studies (180 credits)

Entry to the first year of the Bachelor of Media Studies degree will be considered for any of the above. Selection will be based on results.

MH201 SCIENCE
BTEC
> BTEC Level 3 Extended Diploma in Applied Science

Entry to the first year of the Bachelor of Science Honours degree (MH201) will be considered for any of the above. Selection will be based on results. For degrees which have a specific maths requirement, applicants who do not have Mathematics at Leaving Certificate level with a minimum grade of O4/H7 must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

MH401 / MH403 / MH404 / MH407 / MH409 / MH411 / MH412 / MH416
BTEC/OCR Awards
> BTEC Higher National Diploma in Business (Mathematics required at Leaving Certificate level O4/H7 or distinction at minimum level 5)
> BTEC Extended National Diploma Award in Business (180 credits)
> OCR Level 3 Cambridge Technical Extended Diploma Award in Business (180 credits)

Entry to the first year of the listed Business degrees will be considered for any of the above. Selection will be based on results.

For degrees which have a specific maths requirement, applicants who do not have Mathematics at Leaving Certificate level with a minimum grade of O4/H7 must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

MH601 / MH602
BTEC
> BTEC Higher National Diploma in Computer Science (Mathematics required at Leaving Certificate level O3/H7 or distinction at minimum level 5)
> BTEC Extended National Diploma Award in Computing (180 credits)

Entry to the first year of the Bachelor of Computer Science & Software Engineering degree will be considered for any of the above. Selection will be based on results.

For degrees which have a specific maths requirement, applicants who do not have Mathematics at Leaving Certificate level with a minimum grade of O3/H7 must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

UK, EU & INTERNATIONAL
APPLICANTS

APPLYING AS AN A LEVEL STUDENT
You must apply through the Central Applications Office (CAO) if you are presenting A levels. For more information on applying to the CAO see page 153.

MINIMUM ENTRY REQUIREMENTS
Before CAO points can be calculated for any degree, the applicant must first satisfy the minimum entry requirements for entry to Maynooth University. **These are outlined below:**

Pass in 6 recognised subjects at GCSE at grade A, B or C

AS Level subjects can also satisfy this requirement at grades A-E

Plus

NUI Matric = 2 X A level Grade C – no other combinations allowed (from 2025 - subject to NUI approval)

Applicants must achieve a minimum of grade 4/C in English at GCSE level.

Since applicants from outside the Republic of Ireland are automatically entitled to an exemption from Irish, those presenting a grade C or grade 4 in Irish and English at GCSE satisfy the third language requirement for entry to programmes in which a third language is a requirement.

SPECIFIC COURSE REQUIREMENTS
In addition to the above, some degree programmes require certain subjects at either GCSE or A Level. For instance, science degrees will require grade C/4 in a science subject and grade B/6 Mathematics at a minimum of GCSE level. Any such extra subject requirement(s) are listed under the individual degrees in this prospectus.

For some degrees, students must achieve a minimum of grade C/4 in another language at GCSE level.

When all of the above has been met, the points are calculated on the basis of:

(i) A maximum of four different recognised subjects (A-level and AS), will be counted. Only one subject from each subject grouping outlined in the document on the NUI website will be considered.

▸ **www.nui.ie/college/entry-requirements.asp**

(ii) If 4 A-levels are presented, the lowest grade is scored as an AS.
(ii) Applicants can also be scored on 2 A levels and 2 AS levels.
(ii) Applicants can be scored on:
- Their 4 best A levels from a single sitting
- Their 3 best A levels from a single sitting
- Their 3 best A levels from a single sitting and 1 AS or extended project from the same or previous year.
- Their 2 best A levels from a single sitting and 2 AS and/or extended project from the same or previous year.

CAO POINTS SYSTEM
GCE / A LEVEL EXAMINATIONS
The model for converting A-Level grades to Leaving Certificate Points for the purposes of university entry is:

	A Level	AS/EP Score (a 4th A-level can be scored as an AS)
A*	192	24
A	173	24
B	154	20
C	137	18
D	126	16
E	116	14

Please note that the final points awarded for each grade may be subject to adjustment.

Applicants presenting Grade E or above in one of A-Level Mathematics, Further Mathematics or Pure Mathematics will have 25 points added to their score for that subject. The bonus points will only be relevant where that subject is scored as one of the applicant's best four A-level subjects for points purposes. This gives a maximum possible score of 625.

Maths bonus will only apply to A level grades and will apply even if the maths grade is scored as an AS. Only one bonus is awarded if applicants present more than one Maths subject. A level AS/EP Score (a 4th A-level can be scored as an AS).

EU STUDENTS APPLYING FOR A LEVEL 8 DEGREE (BACHELOR)
Undergraduate applicants presenting EU qualifications must apply to the Central Applications Office at **www.cao.ie**. For more information on applying to the CAO see p.153.

Details of minimum entry requirements and English Language proficiency requirements are available online at **www.nui.ie/college/entry-requirements.asp** or under the Student Resources section of the CAO website **www.cao.ie**

NON-EU STUDENTS APPLYING FOR A LEVEL 8 DEGREE (BACHELOR))
Undergraduate applicants presenting Non-EU qualifications must apply directly to Maynooth University via the online application portal at **www.maynoothuniversity.ie/study-maynooth**. Applications must be received by 30th June 2025.

DEFERRING, TRANSFERRING
& OCCASIONAL STUDENT APPLICANTS

DEFERRING

An application can be made to defer your place for one year. Deferral requests must be granted by the Admissions and Student Recruitment Office.

When you receive your CAO offer, please see the Deferral section of the website for details about how to proceed.

✉ caodeferrals@mu.ie
➤ www.maynoothuniversity.ie/howtoapply

TRANSFERRING

Students from other universities and third-level institutes may apply to transfer to 2nd year of a degree course at Maynooth University if they have obtained relevant awards, e.g. QQI Higher Certificate, two years of an Ordinary Degree or one year of an Honours Degree. Preference is normally given to candidates who have attained merit or distinction grades.

In some cases, transfer into third year is possible for applicants with a level 7 degree in a related discipline or who have 2 years of a level 8 degree in a related discipline.

✉ transfers@mu.ie
➤ www.maynoothuniversity.ie/howtoapply

NON-EU/INTERNATIONAL APPLICANTS

> Non-EU international students wishing to transfer from another university or third-level institute should contact the International Office.

> Students who are part of an institutional exchange programme e.g. Erasmus, should apply through the International Office.

✉ international@mu.ie
➤ www.maynoothuniversity.ie/international

OCCASIONAL STUDENT APPLICANTS

An Occasional Student Applicant is someone who wishes to study specific modules for a semester or for one academic year and is therefore liable for fees. Occasional Students do not receive a Maynooth University qualification but will receive a transcript of results if they take assessments.

Contact the Admissions and Student Recruitment Office for more details. There is an online application form.

✉ admissions.occasionals@mu.ie
➤ www.maynoothuniversity.ie/howtoapply

For queries on Occasional applicant fees, please contact the Fees Office at **fees.office@mu.ie**

APPLICANTS WITH A CRIMINAL CONVICTION

All applicants are required to disclose to the University any previous serious criminal convictions when applying for admission. Having a criminal conviction will not necessarily prevent an applicant from gaining admission to the University. However, the University will take any criminal convictions of a prospective applicant into account when considering applications for admission, and reserves the right to refuse to admit an applicant where her/his previous criminal conviction makes it inappropriate for her/him to be admitted.

Examples of serious convictions include (and without limitation) convictions for offences against the person, whether of a violent or sexual nature, and convictions for offences involving unlawfully supplying controlled drugs or substances where the conviction concerns commercial drug dealing or trafficking.

Any applicant with a criminal conviction intending to apply for admission to the University should view the University's Policy on Applicants with Criminal Convictions at **www.maynoothuniversity.ie/university-policies/academic-policies-procedures**

Any general queries that an applicant may have concerning the University's Policy on Applicants with Criminal Convictions may be addressed, in the first instance, for the attention of the Deputy Admissions Officer.

📞 +353 1 708 3822
✉ admissions@mu.ie

Visit the HOW TO APPLY webpages for more details.

PLAN YOUR ACADEMIC YEAR
2025 – 2026

First Semester	
Event	**Date**
SEPTEMBER	
First year registration	25 – 29 August 2025
Orientation week	15 – 19 September 2025
Lectures commence	22 – 26 September 2025
Fairs Day (opportunity to join Clubs & Societies)	September 2025
OCTOBER	
Halloween Ball	October 2025
Study Week	27 – 31 October 2025
DECEMBER	
Conclusion of lectures	15 – 19 December 2025
Christmas vacation	22 December – 2 January 2026
JANUARY	
Study week	2 – 10 January (exams 9th, 10th)
First semester exams	12 – 16 January 2026
Inter-semester break	19 – 24 January 2026

Second Semester	
Event	**Date**
FEBRUARY	
Lectures resume	3 – 6 February 2026
MARCH	
Study Week	16 – 20 February 2026
APRIL	
Clubs & Societies Awards	April 2026
Easter vacation	6 – 10 April 2026
MAY	
Conclusion of lectures	11 – 16 May (exams 15th, 16th)
Summer Ball	May 2026
Study week	18 – 23 May 2026
Second semester examinations	25 – 30 May 2026

DATES MAY CHANGE.

ALERT LIST
& IMPORTANT DATES

NEW DEGREES

> MH111 BA Creative Writing and English - a three year programme.

> MH504 BA (Criminology) - a three year programme.

> The University is developing a General Nursing degree which it expects to offer from September 2025. Further details on this will be provided on the University website in due course.

COURSE CHANGES

> The subject "Finance" in MH101 Bachelor of Arts is available in group 4.

> The MH101 BA Bachelor of Arts subject 'Greek and Roman Civilization' has changed name to 'Classical Studies'.

> The MH101 BA Bachelor of Arts subject 'Media & Cultural Studies' has changed name to 'Media, Film & Cultural Studies'.

CHANGES IN ENTRY REQUIREMENTS

MH305 BSc Product Design: a Science subject is no longer a minimum entry requirement for this degree. The 2025 entry requirements are 2H5 & 4O6/H7, Irish, English and O3/H7 Mathematics plus 3 other subjects.

QQI LINKS

There is a QQI link to the following new degree in 2025:

> MH504 BA (Criminology) - a three year programme.

We are currently reviewing QQI/FET entry requirements for all courses. These entry requirements are subject to change for entry 2026.

Please note that QQI/FET courses 5M21473 and 6M21471 will only be eligible for entry to MU degree courses MH003 and MH004 from 2026 entry.

NEW ELECTIVES (10 CREDITS IN SECOND YEAR) INTRODUCED FOR 2025 INCLUDE:

> Ancient Mythology – Epic and Tragic Tales

STUDENT SKILLS AND SUCCESS

Maynooth University offers a range of support services designed to help our students succeed, from academic writing skills to exploring career options. Student supports will be available as personal appointments, peer learning, workshops and virtual tools so students can access them in a way that suits them.

INVITE MAYNOOTH UNIVERSITY TO YOUR SCHOOL: INSPIRING FUTURE PATHWAYS

The Maynooth University Schools Liaison Team is excited to offer engaging, informative talks directly to your students, either in-person or virtually. Our presentations cover a broad range of Maynooth University programmes and provide valuable insights into the CAO process and college life, helping to supplement the information students receive online and in print.

To schedule a talk or presentation, or to attend a Career Fair or Exhibition, please reach out to our Schools Liaison Team with the following details:

> Preferred Date and Time
> School Name and Address
> Contact Person's Name and Email Address
> Contact Phone or Mobile Number (optional)

Contact Us:

✉ schoolsliaison@mu.ie

We look forward to inspiring your students and helping them explore the exciting opportunities that await at Maynooth University.

IMPORTANT DATES

Event	Date
Information Day for Guidance Counsellors – on campus and virtual	Tuesday 10th September 2024
November Open Days	Friday 22nd November & Saturday 23rd November 2024
CAO Information Evening	Tuesday 14th January 2025
Spring Open Day	Saturday 12th April 2025
Summer Open Day	Saturday 28th June 2025

Scan the QR code for all undergraduate events
www.mu.ie/undergradevents

FEES
& GRANTS

Tuition fees are paid by the Irish government for Irish/EU nationals who have been ordinarily resident in an EU member state for at least three of the five years preceding entry to third level, subject to the following conditions.

FEES FOR IRISH/EU NATIONALS

1. Tuition fees are paid by the State only for those attending a full-time undergraduate course.

2. The degree must be a minimum of two years in duration (other than in exceptional circumstances).

3. Tuition fees will not be paid by the State for students who are undertaking a second undergraduate course. However, fees will be paid for students who already hold a Level 6 or Level 7 qualification and are progressing to a Level 8-degree course, in the following circumstances:

   a) If your existing qualification gives you the credits needed to meet the entry requirements, and

   b) If an appropriate exemption from the normal duration of the degree course is available based on the Level 6 or Level 7 qualification.

4. Tuition fees will be paid for students who previously attended but did not complete approved courses and are now returning, following a break of at least five years, to pursue an approved course at the same level.

5. Apart from the students mentioned in point 4, tuition fees will not be paid for students who are repeating a year having changed (but not completed) their undergraduate course. This condition may be waived in exceptional circumstances.

Outside of tuition fees, all students must make a payment for registration, examinations, deficits, and student services. The above is the fee policy which applied to entry in 2023.

This is subject to change depending on Government regulations.

Check the website for updates
www.maynoothuniversity.ie/student-fees-grants

More details about fees for individual courses are available from the Fees and Grants Office.

MAYNOOTH UNIVERSITY FEES AND GRANTS OFFICE

➤ www.maynoothuniversity.ie/student-fees-grants

Why not email us:

General Queries: Fees.office@mu.ie

Fee SUSI Queries: Feesusi@mu.ie

Fee Refunds: Feerefunds@mu.ie

Easy Payment Plan: EPP@mu.ie

Fee Receipts: receipts.fees@mu.ie

Fee Status Assessment: Feestatus@mu.ie

Third Party Invoicing: FeeInv@mu.ie

ask on webchat

SUSI

The grant-awarding authority is Student Universal Support Ireland (SUSI).

All students of approved full-time undergraduate courses of at least two years in duration, and students of full-time postgraduate courses, may apply for a SUSI grant.

To qualify for the SUSI, you must meet certain criteria, including in relation to academic achievement, and undergo a means test.

SUSI processes all grant applications through **www.susi.ie**

FEES FOR INTERNATIONAL STUDENTS

All International Fees must be paid in full prior to the completion of registration.

Once a student receives their offer, payment details are forwarded. Payments for new and continuing international students can be made via TransferMate: **mu.transfermateeducation.com**

Please check the Fees & Grants Office International information web page for further details:
www.maynoothuniversity.ie/student-fees-grants/international

FEES FOR STUDENTS OF PART-TIME MH803 BA LOCAL STUDIES / BA COMMUNITY STUDIES

This is a completely modularised degree. Students only pay for the modules to which they are registered. As a part-time degree this programme does not qualify people for either a SUSI or maintenance grant.

Once a student is fully registered to the degree, they may contact the Fees and Grants Office to enquire about a payment plan.

The Fees and Grants Office hold regular information sessions and webinars throughout the academic year for any queries you may have. You can find details about the information sessions along with fees and grants updates on the website:
www.maynoothuniversity.ie/student-fees-grants

MAYNOOTH UNIVERSITY STUDENT BUDGETING ADVICE SERVICE

Maynooth University Student Budgeting Advice Service is a free and confidential service for all registered students.

The service offers a range of supports:

> One to one appointments with the Student Budgeting Advisor

> Help to manage your money

> Advice about SUSI

> Information about social welfare

> Advice about financial supports while in University

Appointments are free and confidential and can be booked at
www.maynoothuniversity.ie/student-services

Registered students can discuss the financial supports available in the University with the Student Budgeting Advisor.

POSTGRADUATE STUDY

At Maynooth University, it is the individual that matters and for your postgraduate studies, our small class sizes and one-to-one guidance from senior lecturers and global researchers will challenge and inspire you. Our Taught Masters Programmes are designed to foster and deepen our students' knowledge and skills in a specific subject area at postgraduate level. Our programmes offer students the opportunity to specialise in an area of interest closely aligned to their undergraduate degree or current career path, or to expand their skills and knowledge to develop their career path in a new direction.

We offer a wide range of taught masters qualifications including Master of Arts, Master of Science, Master of Social Science, LLM, Master of Education and Professional Master of Education.

We also offer a range of HDip, PGDip, PCert at postgraduate level.

SOME OF OUR NEW POSTGRADUATE PROGRAMMES INCLUDE:

> MSc Theoretical Physics and Mathematics
> MA Business Translation and Intercultural Communication in English and Spanish
> MA Creative Writing
> MSc Environmental Psychology
> MSc Robotics and Embedded AI

CONVERSION COURSES AT MAYNOOTH UNIVERSITY

Maynooth University offers a range of Conversion Courses for students who want to move into a new area where they do not have previous experience.

More information available here:
www.maynoothuniversity.ie/study-maynooth/ postgraduate-studies/what-degree-right-me/conversion-courses

STRUCTURED PHD/ RESEARCH PROGRAMMES

Get all the information you need to start your research journey with the Graduate Research Academy Maynooth University:
www.maynoothuniversity.ie/graduate-research-academy

BOOST YOUR CAREER PROSPECTS WITH A MICRO-CREDENTIAL

Find out more about Micro-credentials offered at Maynooth University:
www.maynoothuniversity.ie/study-maynooth/ postgraduate-studies/micro-credentials-maynooth

POSTGRADUATE SCHOLARSHIPS

More information on Taught and Research Postgraduate Scholarships:
www.maynoothuniversity.ie/study-maynooth/ postgraduate-studies/fees-funding-scholarships

HOW TO APPLY

Applications for all Maynooth Postgraduate programmes must be made directly to Maynooth University via the online application portal at **www.maynoothuniversity.ie/study-maynooth**

Visit our Postgraduate Admissions webpages for more information.

RECOGNITION OF PRIOR LEARNING FOR POSTGRADUATE PROGRAMMES AT MAYNOOTH UNIVERSITY

Find out more about Recognition of Prior Leaning at Maynooth University:
www.maynoothuniversity.ie/mu/graduate-studies/ recognition-prior-learning

CONTACT

Contact the Admissions and Student Recruitment Office for information on postgraduate study.

📞 + 353 1 708 3467
✉ pgstudies@mu.ie
🔖 www.maynoothuniversity.ie/study-maynooth
f @PostGraduateMaynooth
in Postgraduate Maynooth
◎ postgraduate_maynooth
♪ Postgraduate_Maynooth
🐦/𝕏 @MU_PostGrad

MAYNOOTH UNIVERSITY POSTGRADUATE PROSPECTUS

For a complete listing of the postgraduate programmes available at Maynooth University, please scan the QR code.

NUI CERTIFICATES & DIPLOMAS

> **NUI CERTIFICATE FOUNDATION COURSES**
> **Return to Learning Science/Computer Science***

> **NUI CERTIFICATE COURSES**

> **NUI CERTIFICATE MODULAR PROGRAMMES**

> **NUI PROFESSIONAL DEVELOPMENT COURSES**

> **NUI DIPLOMAS**

For more information about NUI Certificate and Diploma courses call the numbers listed or visit **www.maynoothuniversity.ie/adult-and-community-education**

NB: Courses may change. See website for most up-to-date information.

*Please note that the 2025 Maynooth University Certificate in Science/Computer Science programme will run subject to sufficient numbers. A decision on September 2025 intake will be made in June 2025. For more details or to register your interest, please contact: emer.sheerin@mu.ie.

ask **on webchat**

USEFUL CONTACTS

ADMISSIONS AND STUDENT RECRUITMENT OFFICE

☎ + 353 1 708 3822
✉ admissions@mu.ie
▸ www.maynoothuniversity.ie/study-maynooth

DEPARTMENT OF ADULT AND COMMUNITY EDUCATION

☎ + 353 1 708 6062
✉ adulteducation@mu.ie
▸ www.maynoothuniversity.ie/adult-and-community-education

FEES & GRANTS OFFICE

☎ + 353 1 708 4747
✉ fees.office@mu.ie
▸ www.maynoothuniversity.ie/student-fees-grants

INTERNATIONAL OFFICE

☎ + 353 1 708 3386
✉ international.office@mu.ie
▸ www.maynoothuniversity.ie/international

MAYNOOTH ACCESS PROGRAMME (MAP)

☎ + 353 1 708 4600
✉ access.office@mu.ie
▸ www.maynoothuniversity.ie/access-office

MATURE STUDENT OFFICE

☎ emer.sheerin@mu.ie
✉ + 353 1 708 3307
▸ www.maynoothuniversity.ie/maturestudents

RESIDENCE OFFICE

☎ + 353 1 708 3322
✉ residence.office@mu.ie
▸ www.maynoothuniversity.ie/accommodation

SPORTS OFFICE

☎ + 353 1 708 3824
✉ paul.davis@mu.ie
▸ www.maynoothuniversity.ie/campus-life/student-life-sport

STUDENT HELP DESK

☎ + 353 1 474 7444
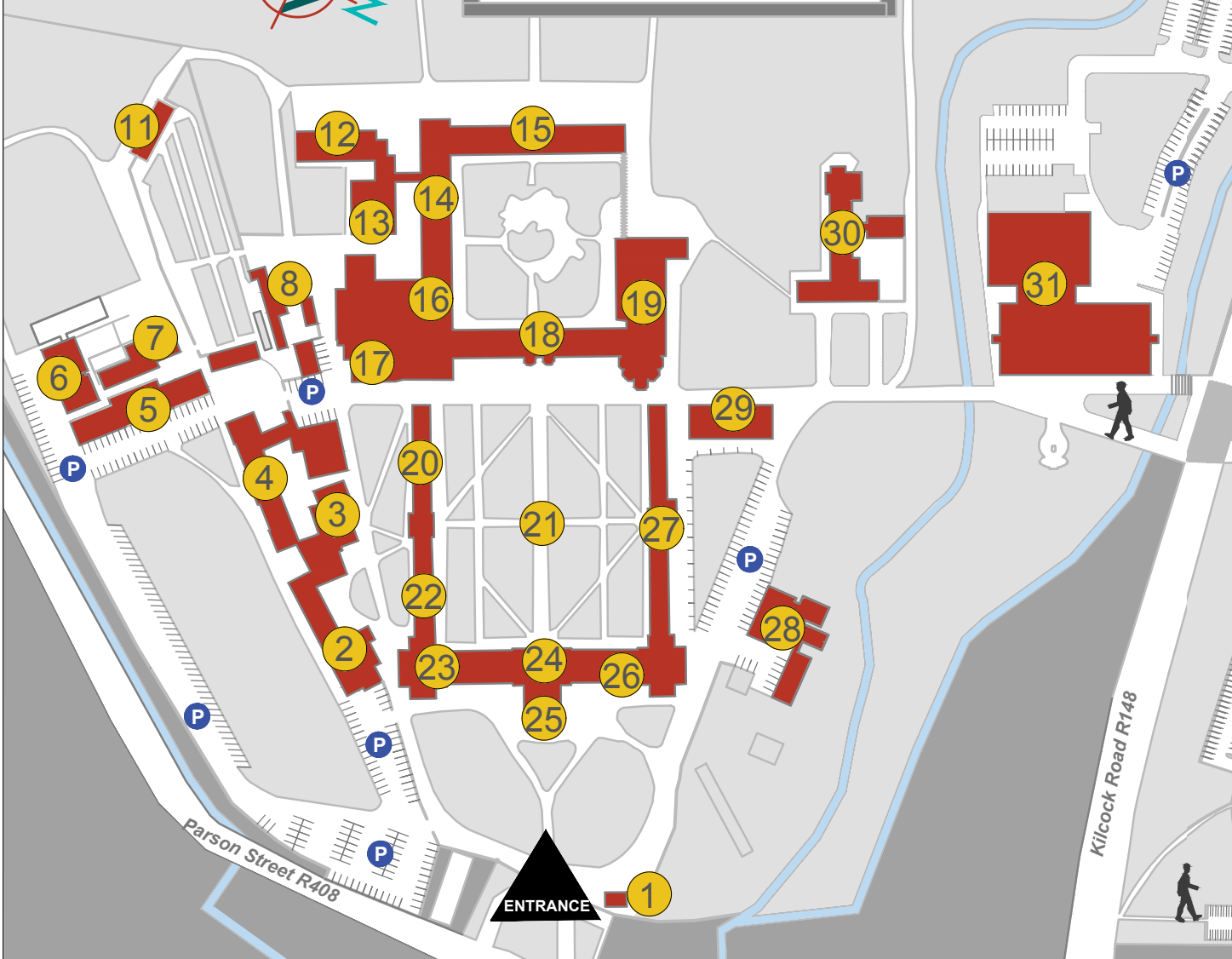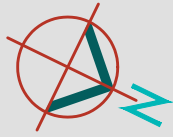✉ studenthelp@mu.ie
▸ www.maynoothuniversity.ie/studenthelp

STUDENT RECORDS AND REGISTRATION

☎ + 353 1 708 3813
✉ records.office@mu.ie
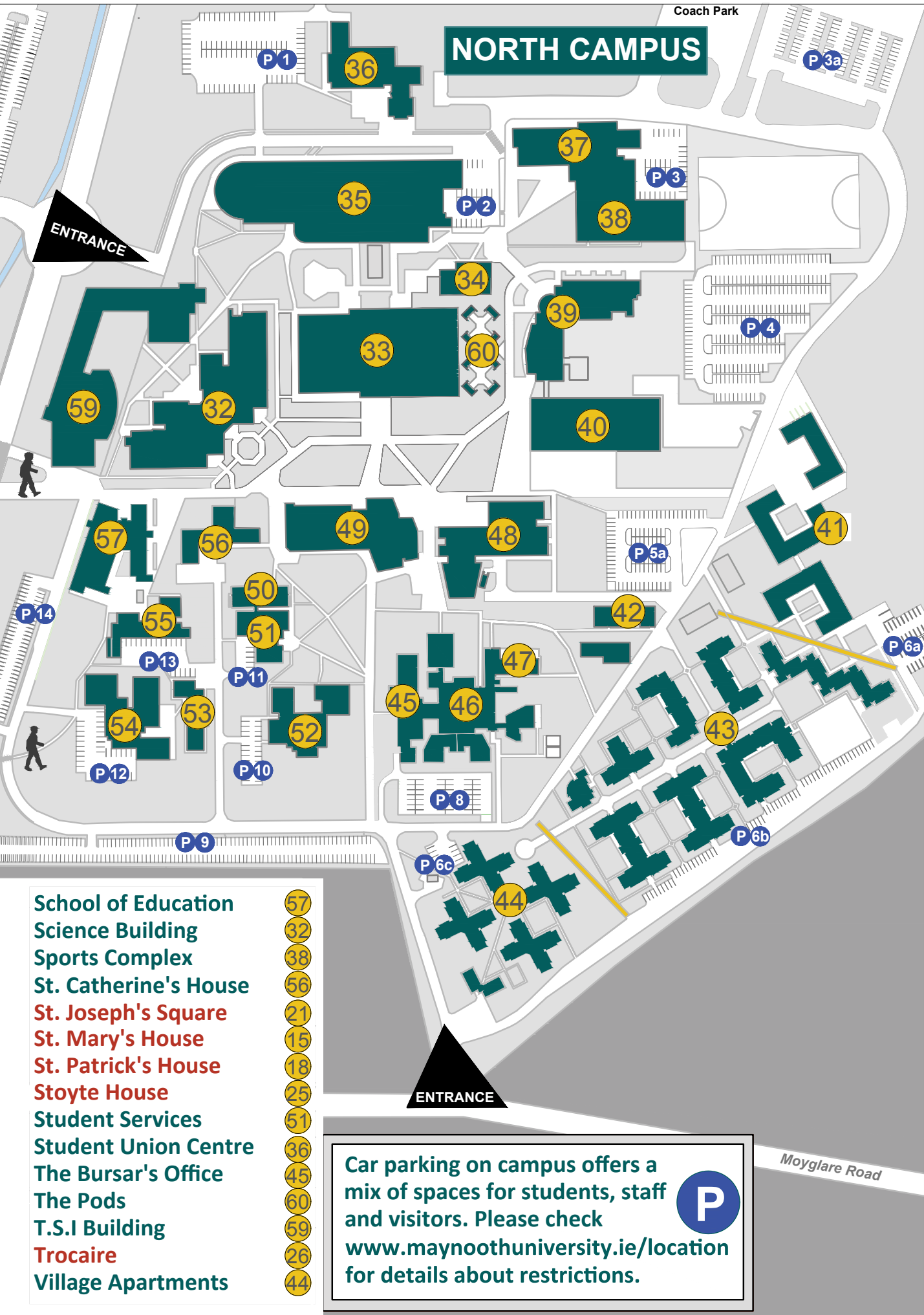▸ www.maynoothuniversity.ie/records

Maynooth University
National University
of Ireland Maynooth

Apple Store	8	Gate Lodge	1	Museum	13
Arts Building	33	Humanity House	22	Music Suites and Lab	6
Arts Annex	34	Iontas	48	New House	27
Aula Maxima	29	John Hume Building	49	Phoenix Restaurant	37
Auxilia	52	John Paul II Library	31	Power House	17
Bioscience & Electronic	39	Junior Infirmary	11	Product Design Studios	42
Engineering Building		Laraghbyran House	55	Pugin Hall	16
Callan Building	35	Loftus Halls	12	Renehan Hall	16
College Chapel	19	Logic Annex	7	Rhetoric Annex	3
Columba Centre	30	Logic House	5	Rhetoric House	4
Courtyard Apartments	41	Long Corridor	24	River Apartments	43
Crèche	47	Lyreen House	28	Riverstown Lodge	2
Dunboyne House	20	MAP Lodge (Access Office)	50	Rowan House	53
Education House	54	MCCA - Conference &	23	Russell Library	14
Eolas	40	Accommodation		Rye Hall & Apartments	46

Coach Park

NORTH CAMPUS

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P 5a
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School of Education 57
Science Building 32
Sports Complex 38
St. Catherine's House 56
St. Joseph's Square 21
St. Mary's House 15
St. Patrick's House 18
Stoyte House 25
Student Services 51
Student Union Centre 36
The Bursar's Office 45
The Pods 60
T.S.I Building 59
Trocaire 26
Village Apartments 44

ENTRANCE

ENTRANCE

Moyglare Road

Car parking on campus offers a mix of spaces for students, staff and visitors. Please check www.maynoothuniversity.ie/location for details about restrictions.

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UNDERGRADUATE EVENTS
2024 – 2025

EVENT	DATE
Information Day for Guidance Counsellors – on campus and virtual	Tuesday 10th September 2024
November Open Days	Friday 22nd November 2024 Saturday 23rd November 2024
CAO Information Evening	Tuesday 14th January 2025
Spring Open Day	Saturday 12th April 2025
Summer Open Day	Saturday 28th June 2025
Campus Tours	Visit **www.mu.ie/campustour**
Schools Liaison	We offer a range of in-person and virtual information events to our education partners **schoolsliaison@mu.ie**

For details of the locations and times of all undergraduate events check
www.mu.ie/undergradevents

ask **on webchat**

ask a student

visit our open days

For all your Maynooth and CAO level 8 degree questions visit: www.mu.ie/level8

Maynooth University Admissions and Student Recruitment Office – An Oifig Iontrála agus Earcaíochta Mac Léinn, Ollscoil Mhá Nuad.
Humanity House, South Campus,
Maynooth, Co. Kildare, Ireland, W23 X021

☎ + 353 1 708 3822
✉ admissions@mu.ie
📍 www.mu.ie/level8

@ MaynoothCAO