# The Maynooth Bachelor of Arts Degree

## Bachelor of Arts Subjects

<table>
<thead>
<tr>
<th>Subject</th>
<th>Code</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
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<tr>
<td>Anthropology</td>
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<tr>
<td>Business (International)</td>
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<td>Business (Management)</td>
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<td>Computer Science</td>
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<td>French</td>
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<td>Gaelic (Modern Irish)</td>
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<td>Geography</td>
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<td>International Development</td>
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<td>Law</td>
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<td>Medieval Celtic Studies</td>
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<td>Old Irish and Celtic Languages</td>
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<td>Philosophy</td>
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<td>Spanish</td>
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<td>Spanish</td>
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## Humanities and Social Sciences Specialised Degrees

<table>
<thead>
<tr>
<th>Specialised Degree</th>
<th>Overview</th>
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<tbody>
<tr>
<td>Community and Youth Work (full-time)</td>
<td>116</td>
</tr>
<tr>
<td>Business (Community and Youth Work) (part-time)</td>
<td>122</td>
</tr>
<tr>
<td>Local Studies also available</td>
<td>124</td>
</tr>
<tr>
<td>BA Community Studies</td>
<td>125</td>
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<tr>
<td>BA Local Studies</td>
<td>126</td>
</tr>
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<td>BA Media Studies</td>
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<td>Music</td>
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## Business, Economics, Finance and Accounting Specialised Degrees

<table>
<thead>
<tr>
<th>Specialised Degree</th>
<th>Overview</th>
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<tbody>
<tr>
<td>BA Accounting and Finance</td>
<td>129</td>
</tr>
<tr>
<td>BBS/BBA Business and Accounting</td>
<td>131</td>
</tr>
<tr>
<td>BCL (Law and Accounting)</td>
<td>133</td>
</tr>
<tr>
<td>Accounting also available as a subject in the Bachelor of Arts degree</td>
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## Law Specialised Degrees

<table>
<thead>
<tr>
<th>Specialised Degree</th>
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<tbody>
<tr>
<td>Criminology</td>
<td>142</td>
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<tr>
<td>BCL (Law and Criminology)</td>
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<tr>
<td>Criminology also available in the Bachelor of Arts degree</td>
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<tr>
<td>BCL (Law and Accounting)</td>
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<td>BCL (Law and Business)</td>
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<tr>
<td>BCL (Law and Criminology)</td>
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<td>BCL (Law and Arts)</td>
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## Education Specialised Degrees

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Early Childhood Education</td>
<td>150</td>
</tr>
<tr>
<td>BA Early Childhood - Teaching and Learning (part-time)</td>
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<tr>
<td>Early Childhood Education (part-time)</td>
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<tr>
<td>Early Childhood Education (full-time)</td>
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<tr>
<td>Education - Second Level</td>
<td>154</td>
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<tr>
<td>BSc Science (with Education)</td>
<td>155</td>
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<tr>
<td>BSc Mathematics and Computer Science (with Education)</td>
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## The Maynooth Bachelor of Science Degree

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<td>European Studies</td>
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<td>Gaelic</td>
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<td>Geography</td>
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<td>International Development</td>
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<td>Psychological Studies</td>
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<tr>
<td>Spanish</td>
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# Computer Science Specialised Degrees

<table>
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<th>Specialised Degree</th>
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<tbody>
<tr>
<td>Computer Science</td>
<td>152</td>
</tr>
<tr>
<td>BSc Computer Science and Software Engineering (through Arts)</td>
<td>153</td>
</tr>
<tr>
<td>BSc Computer Science and Software Engineering (through Science)</td>
<td>154</td>
</tr>
<tr>
<td>Computer Science also available in the Bachelor of Arts degree</td>
<td>155</td>
</tr>
<tr>
<td>Computer Science also available in the Bachelor of Science degree</td>
<td>156</td>
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<tr>
<td>Computation</td>
<td>157</td>
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<tr>
<td>Computational Thinking</td>
<td>158</td>
</tr>
<tr>
<td>Multimedia</td>
<td>159</td>
</tr>
<tr>
<td>BSc Multimedia, Mobile and Web Development (through Arts)</td>
<td>160</td>
</tr>
<tr>
<td>BSc Multimedia, Mobile and Web Development (through Science)</td>
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# Electronic Engineering Specialised Degrees

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<th>Specialised Degree</th>
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<tr>
<td>Electronic Engineering</td>
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<tr>
<td>BE Bachelor of Electronic Engineering</td>
<td>163</td>
</tr>
<tr>
<td>Engineering Science also available in the Bachelor of Science degree</td>
<td>164</td>
</tr>
<tr>
<td>Robotics</td>
<td>165</td>
</tr>
<tr>
<td>BSc Robotics and Intelligent Devices</td>
<td>166</td>
</tr>
</tbody>
</table>

Maynooth University Undergraduate Handbook 2019
NAVIGATE OUR
DEGREES BY CAO CODE

MH001/MH002 BEd Bachelor of Education - Primary Teaching (Froebel)
MH101 The Maynooth Bachelor of Arts Degree
MH103 BMus Bachelor of Music
MH106 BA Psychology
MH107 BScScB Bachelor of Social Science
MH109 BA Media Studies
MH116 BScScCommunity and Youth Work (full-time)
MH201 The Maynooth Bachelor of Science Degree
MH202 BSc Biotechnology
MH204 BSc Physics with Astrophysics
MH206 BSc Theoretical Physics and Mathematics
MH207 BSc Data Science (NEW)
MH208 BSc Biological and Biomedical Sciences
MH209 BSc Psychology (through Science)
MH210 BSc Pharmaceutical and Biomedical Chemistry
MH212 SED BSc Science (with Education)
MH212 MCS BSc Mathematics and Computer Science (with Education) (NEW)
MH212 MED BSc Mathematics (with Education)
MH304 BE Bachelor of Electronic Engineering
MH305 BSc Product Design
MH306 BSc Robotics and Intelligent Devices
MH401 FIN BA Finance
MH401 IFE BA International Finance and Economics
MH402 BSc Quantitative Finance (NEW)
MH403 BA Accounting and Finance
MH404 SMA BBS/BBA Business and Management
MH404 INB BBS/BBA International Business
MH404 IMKT BBS/BBA Marketing
MH405 BBS/BBA Equine Business
MH407 BBS/BBA Business and Accounting
MH411 BBS/BBA Entrepreneurship
MH501 Law (LLB)
MH502 LWA BCL (Law and Accounting)
MH502 LWB BCL (Law and Business)
MH502 LWC BCL (Law and Criminology)
MH502 LWD BCL (Law and Arts)
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)
MH603 BSc Computational Thinking
MH601 BA Early Childhood – Teaching and Learning (part-time)
MH602 BScScCommunity and Youth Work (part-time)
MH603 BCS BA Community Studies
MH603 BLS BA Local Studies
Tá an-áthas orm mar Uachtarán Ollscoil Mhá Nuad go bhfuil sé ar élim agat staidéar a dhéanamh linn.

Cuíseann Ollscoil Mhá Nuad 31úchaíach dhéanadh den scoth air féin i réimease móir dóthar agus, náta níos tábhachtach, déanaimid coim an mhinisteoireachta agus do níos fein aonad. Tá an mhinisteoireachta agus an taighde ar chomhthábhachtach, dár éin agus sí é an fáth go bhfuil an deis agat fhoghlaim i bhfadh dhuine agus go scéidh sé a bhfuil cáiliúil dhróma atá ina linn.

Tá siad fomhánaíodh don mhinisteoireachta agus do níos fein aonad.

Tá an-áthas orm mar Uachtarán Ollscoil Mhá Nuad a bheith ar chumas a bhfuil sé ar élim agat staidéar a dhéanamh linn.

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, and even more importantly, we care about you, the individual student. Research and teaching are equally important to us, and therefore you will have the opportunity to learn from internationally-renowned researchers and scholars who are also deeply committed to teaching and to students.

A university education is an extraordinary opportunity to learn, to refine your skills, and to develop as a person; it provides the knowledge and skills for work, the foundation for your career and the basis for a fulfilling future.

We want you to get the most from your university education. We want you to learn the latest thinking in your chosen subject or subjects, but we also work hard to help you to develop the intellectual skills to think critically, analyse complex issues, make good decisions, communicate your ideas clearly, and work well with others. Knowledge is always changing, but these skills will last a lifetime.

We want you to have the opportunity to broaden your interests and abilities, and so we provide the opportunity to take some modules outside of your core subjects, to study abroad, or to gain practical work experience.

Finally and very importantly, you become part of a learning community, where you study in a stimulating university atmosphere, with a warm and friendly environment, where you can make new friends and feel at home.

Maynooth University allows you to develop the knowledge, skills, intellectual agility, broad mind and ability to work with others that will help you to succeed in work and in life.

We revised our undergraduate curriculum in recent years, which for 2019 entrants means more flexibility in customising your degree to your needs. The curriculum is built on the same subjects and excellent teaching as before, but our revised structure allows you more flexible choices about how much of each subject you study, the option to take electives in addition to your chosen subjects, and the option to take additional first year modules to further develop your academic thinking and working skills.

This flexible structure will allow you greater choices, and will allow you more opportunities to match your learning with your needs and interests.

We hope you will join us in 2019 because of the outstanding education we offer, and the exciting opportunities offered by our unique curriculum.
Maynooth University was formally established as an autonomous university as recently as 1997, yet its origins can be traced to the foundation of the Royal College of St. Patrick in 1795.

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1795</td>
<td>Foundation of the Royal College of St. Patrick.</td>
</tr>
<tr>
<td>4513</td>
<td>Students began their studies at Maynooth.</td>
</tr>
<tr>
<td>1997</td>
<td>Dr. William J. Smyth becomes the institution’s first president.</td>
</tr>
<tr>
<td>1998</td>
<td>The Maynooth Access Programme is established, going on to become a national model for widening participation amongst third level institutions.</td>
</tr>
<tr>
<td>1999</td>
<td>Education House opened by Dr. Garret Fitzgerald.</td>
</tr>
<tr>
<td>2000</td>
<td>John and Pat Hume Scholarships established, supporting 350 students to date with €5.5 million provided by MU annually.</td>
</tr>
<tr>
<td>2007</td>
<td>The Department of Applied Social Studies established.</td>
</tr>
<tr>
<td>2008</td>
<td>National Centre for Geocomputation (NCG) established as Centre of Excellence with PRTLI funding.</td>
</tr>
<tr>
<td>2009</td>
<td>National Institute of Regional and Spatial Analysis (NIRSA) established as Centre of Excellence with PRTLI funding.</td>
</tr>
<tr>
<td>2010</td>
<td>Student Centre opened, providing health, counselling, budgeting advice and other services to hundreds of students every day.</td>
</tr>
<tr>
<td>2011</td>
<td>Sociology for his project: “New deals in the economy” - the 1st ERC award for MU.</td>
</tr>
<tr>
<td>2012</td>
<td>The Department of International Development established.</td>
</tr>
<tr>
<td>2013</td>
<td>National Institute of Regional and Spatial Analysis (NIRSA) established as Centre of Excellence with PRTLI funding.</td>
</tr>
<tr>
<td>2014</td>
<td>National Centre for Geocomputation (NCG) established as Centre of Excellence with PRTLI funding.</td>
</tr>
<tr>
<td>2015</td>
<td>Student Centre opened, providing health, counselling, budgeting advice and other services to hundreds of students every day.</td>
</tr>
<tr>
<td>2016</td>
<td>Sociology for his project: “New deals in the economy” - the 1st ERC award for MU.</td>
</tr>
<tr>
<td>2017</td>
<td>The Department of Applied Social Studies established.</td>
</tr>
</tbody>
</table>

Maynooth University ranks #49 in THE “Young Universities’ list.”

Maynooth University surpassed 12,000 students.

An international campus: MU sees highest # of international students on campus and highest # of MU students studying abroad.

Criminology established as a subject.
12,530 = TOTAL STUDENT HEADCOUNT
10,465 UNDERGRADUATE STUDENTS
2,065 POSTGRADUATE STUDENTS

STUDENT DEMOGRAPHICS
56% FEMALE / 44% MALE
84% UNDERGRADUATE
16% POSTGRADUATE
86% FULL-TIME / 14% PART-TIME

STUDENT CITIZENSHIP
95 COUNTRIES REPRESENTED
15% of full time new undergraduate entrants have a disability
28% of students are from target socio economic groups

LIBRARY COLLECTION
The University Library houses over 460,000 publications and has on-line access to full text of approximately 80,000 journals.

ALUMNI OVER 75,000 ALUMNI ACROSS THE GLOBE

93% ACADEMIC STAFF WITH A DOCTORATE QUALIFICATION
4,000+ CAO FIRST PREFERENCE APPLICATIONS IN 2018
THE MAYNOOTH EDUCATION

We are proud to have provided generations of students with an excellent education. Building on our proud past, we are constantly adapting what and how we teach to better equip you for the many opportunities and challenges you will encounter in your life and in your career. Maynooth University offers a curriculum and an intellectual, cultural and social environment that provides students with opportunities to reach their full potential.

Because you are living in the diverse and ever-changing 21st century, we know we must continuously enhance the Maynooth Education to even better serve the needs of our students. Our revised curriculum, introduced in September 2016, offers you many opportunities to personalise your degree programme throughout your time with us; we have introduced more subject choice than ever before including a dedicated first year Critical Skills subject, flexible programme pathways and the opportunity to take an Elective and Experiential Learning opportunities to enhance your degree.

www.maynoothuniversity.ie/maynootheducation

FLEXIBLE DEGREE STRUCTURE

At the start of second year, most students will have the option to avail of the University’s Flexible pathways structure. These flexible pathways allow students to choose how they will study their chosen subjects for the remainder of their degree. The various pathways create significant flexibility within your programme of study. A range of options will mostly be available, although not all options will be available for every subject and every degree.

Students study 60 credits each year at University, your chosen pathway will allow you to divide this 60 credits between the subject(s) you wish to study for the remainder of your degree.

OUR FLEXIBLE PATHWAYS:

DOUBLE MAJOR:

- Studying two subjects equally to degree level
- MAJOR WITH MINOR:
  - Specialising in one subject to degree level, while continuing with a smaller amount of a second subject
  - SUBJECT 1: 40 CREDITS
  - SUBJECT 2: 20 CREDITS
- SINGLE MAJOR:
  - Specialising in one subject to degree level
  - SUBJECT 1: 60 CREDITS

See the degree pages of this handbook for details of the progression options available in your preferred programme.

GUIDANCE ON PROGRAMME CHOICES AND OPTIONS AVAILABLE UNDER THE MAYNOOTH EDUCATION:

The Programme Advisory Office is available to assist and advise undergraduate students, including incoming first year students, with programme related decisions you may be unsure about during your time at Maynooth University. The Programme Advisory Office acts as a guide to students as you navigate your own way through your programme options.

Incoming first year students will be briefed by the Programme Advisor during Orientation about the programme choices you will be asked to make during your academic journey at Maynooth University. Continuing students may also avail of the service if you are unsure about your programme options, for example if you have any questions about flexible pathways, or whether or not to choose an Elective.

www.maynoothuniversity.ie/programme-advisory-office

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

“Critical Skills give you the opportunity to develop the core skills necessary for university. It is applicable to every subject choice and allows you to fully interact with every lecture. ‘Taking it as one of my first year subjects has helped me transition to academics at university level. It has given me the confidence and skills to successfully approach my degree and further learning.’”

SARAH KILDEA, THIRD YEAR, BCL, LAW AND ARTS

See individual degree information for details on the availability of our 15 credit Critical Skills courses in your preferred degrees.

SAMPLE 2019/2020 CRITICAL SKILLS MODULES

- Exploring the Power of Language
- Globalization, Integrating Worlds
- Universal Critical Skills (multiple classes)
- Creative Thinking
- Digital Critical Skills
- Exploring Culture
- Social Analysis of Everyday Life
- Critical Skills for Science
- Critical Skills for Social Science
- Great Ideas that Changed the World

For more details log on to www.maynoothuniversity.ie/critical-skills

SECOND YEAR ELECTIVES

We are very excited to offer Electives to our second year students as part of the Maynooth Education. An Elective is a great way to enhance your degree by enabling you to develop new skills and knowledge that will complement your chosen programme. Electives allow you to expand your university education by providing the opportunity to study an area outside your chosen degree programme. An Elective is 10 credits and so would make up 1/8 of your study in second year.

Electives allow students to broaden their perspective by studying across disciplines thus learning how to think differently and appreciate different viewpoints. We know employers want graduates who can look at the world in different ways and find creative solutions to challenging problems. Students taking Electives will be introduced to the diverse fields of research underway at Maynooth as well as the excellent lecturing staff throughout the University. You may also choose to take an Elective because you are intrigued by the topic.

SAMPLE 2019/2020 ELECTIVES INCLUDE:

- Accounting in Society
- Beginning Chinese / German / Spanish
- Creative Technologies and Digital Prototyping
- Community Education
- Continuing French / Spanish / German / Gaelige / Chinese
- Education Engagement and Equity
- Engaging with Civil Society
- Entrepreneurship, Creativity & Problem Solving
- Film and Screen Studies
- Gender and Sexuality in Society and Culture
- Global Environmental Change
- Great Books
- Introduction to Philosophy, Theory of Mind (AI), and Logical Thinking
- Perspectives of Poverty and Development
- Science Communication: Science and the World

In all cases, the option to take an Elective is subject to timetable compatibility and the requirements of your main subjects; for some students this may mean an Elective may not be compatible with their programme. See the degree pages of this handbook for details on the availability of Electives in the second year of our programmes.

EXPERIENTIAL 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. These include opportunities in undergraduate research, professional development, student leadership, study abroad and service learning, empowering Maynooth students to develop their skills and competencies for work, life and citizenship.

For more details log on to www.maynoothuniversity.ie/experiential-learning

www.maynoothuniversity.ie/experiential-learning
OUR ALUMNI
OVER 75,000 ACROSS THE GLOBE

Maynooth never really leaves you. Once you finish your degree at Maynooth University you become part of a 75,000+ (and growing!) worldwide alumni network that connects graduates with one another and fosters social and business relationships in a way only Maynooth can.

From reunions and cultural nights, alumni lectures and career networking opportunities, becoming a student at Maynooth opens up the Maynooth alumni network.

Graduating also means you’ll be on the job hunt. Maynooth University alumni are equipped with expertise and critical thinking skills valued by employers in a competitive and ever-changing working world.

Lots of our Level 8 degrees offer work placements. See degree pages for details.

SOME OF THE COMPANIES HIRING OUR GRADUATES

ACCENTURE / ALLERGAN INC / APPLE / BANK OF AMERICA / CRH / EATON CORP / FACEBOOK / GOOGLE / INGERSOLL-RAND / INTEL / MEDTRONIC PLC / MICROSOFT / PWC / PFIZER

Christine Parsons
Aarhus University
Job Title: Associate Professor, Interacting Minds Centre, Department of Clinical Medicine
Degree discipline: Psychology

“I did my undergraduate degree and PhD at Maynooth, and the training I received set me on a clear path into academia. I met many inspiring teachers and researchers in the Department of Psychology.”

Serena Fox
PwC
Job Title: International Tax Specialist
Degree discipline: Law

“I was delighted to graduate with a Bachelor of Laws (LLB) after four incredible years. I am now an International Tax Specialist with PwC specialising in the Asset Management Industry while studying to become a Chartered Tax Adviser. I am enjoying this exciting, prosperous industry and the international law/business exposure.”

Matt McCann
CEO Access Earth
Job Title: CEO Access Earth
Degree discipline: Computer Science

The idea for Access Earth germinated when Matt, who has Cerebral Palsy, was a student travelling to the Paralympic Games in London. His hotel wasn’t accessible, despite claims on the website.

With the assistance of MU’s Centre for Entrepreneurship, Design and Innovation and MaynoothWorks, the University’s on-campus business incubator, he hopes to take Access Earth to the next level.”
The Maynooth University Access Programme (MAP) promotes higher education as a real option and encourages under-represented groups to enter third level. MAP provides a number of initiatives to remove barriers and to create realistic expectations for educational progression among schools, parents, adult learners and communities who historically do not access higher education.

These groups include school leavers from long-term socio-economically disadvantaged backgrounds, mature students and students with disabilities. MAP provides access routes and a range of personal, academic and financial supports that enable students to become more independent in their learning, thereby easing the transition from school to university and from university to career. MAP supports for all students include a MAP Academic Advisor in every department, an extended orientation before and through the first semester and a technology training module to introduce useful educational apps and tools.

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

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

### 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 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 the Launchpad residential orientation programme, a dedicated HEAR advisor and financial support. For more information on the Higher Education Access Route visit maynoothuniversity.ie/hear.

### 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 15% of places on all undergraduate programmes for mature students. Currently up to 250 mature students begin their studies here each year.

Supports for mature students include a unique selection process with interviews for many courses, summer academic skills courses, preparatory courses with guaranteed progression to degrees, advice and guidance on the application/selection process and a dedicated Mature Student Advisor. For more information on the Mature Entry Route, you can contact the Mature Student Office at maynoothuniversity.ie/mature.

### Students with Disabilities

Students with disabilities comprise over 6% of the student body at Maynooth, which is one of the highest participation rates in the country. Students can register with the Disability Office under any of following disability categories: autistic 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. Students can register with the Disability Office at any time throughout their studies, but early registration is strongly recommended. Visit the Disability Office website for information on the documentation required, the consultants/specialists that can verify a disability and the age limits on reports at maynoothuniversity.ie/disability.

The Disability Office offers a range of supports to ensure that students with disabilities have the same opportunities for participation and progression as the rest of the University community. Supports available include an advisor, examination accommodations, Educational Support Workers (e.g. academic personal assistant, note taker or sign language interpreter), the Student Central academic support programme for students with significant learning needs and work placement supports.

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 the Disability Access Route to Education visit maynoothuniversity.ie/dare.
SUPPORTS FOR OUR STUDENTS

As well as being part of our large University, you’re also part of a smaller campus community.

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

Help is readily available for students who are struggling with a particular problem or feeling a bit lost.

ACADEMIC SUPPORTS
> Mathematics Support Centre (MSC)
> Academic Writing Centre
> An Droichead - Ionad Tacaíochta na Gaeilge/ Irish Language Support Centre
> Programming Support Centre
> IT Support
> Programme Advisory Office
> Academic Advisory Office
> Career Development Centre
> Placement Office
> LIST (Library Information Skills Tutorials)

PERSONAL AND WELL-BEING SUPPORTS
> Student Budgeting Advice Service
> Counselling Service
> Health Centre
> Chaplaincy Service
> Crèche Service

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/studentsupports
AN GHAELGE SAN OLLSCOIL
IRISH IN THE UNIVERSITY

Tá pobal briomhach Gaeilge anseo in Ollscoil Mhá Nuad.

Cuirimid ócáidí ar siúl ar an gcampaíos go rialta do chaingeáilí Gaeilge agus do dhaoine a bhfuil spéis acu sa teanga. Bhíonn an-tóir ag mic léinn agus ag báill foirne ar an ranganna Gaeilge. Tá Cuilinnacht Cholm Cille, Cumann Gaeilcháil na hOllscoile, ar cheann de na cumannn is mó agus is rathúil ar an gcampaíos.

IRISH LANGUAGE OFFICE
oifig.nagaeilge@mu.ie

The Irish Language Office supports the use of the Irish language among staff and students. If you have an interest in Irish, 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:

@OnaGaeilgeMU
@OnaGaeilgeMU

IRISH LANGUAGE ROOM, ARTS BUILDING
A social space for Irish language speakers.

IRISH LANGUAGE RESIDENCY SCHEME
Rooms in apartments on the north campus are available to those who wish to speak and promote Irish on campus.
For further information, please contact: oifig.nagaeilge@mu.ie

IRISH LANGUAGE CLASSES (ILASP)
Irish language classes, at various levels, are available to students (including international students). Participants have the option of taking a TEG (Teastas Eorpach na Gaeilge) examination and getting a recognised qualification in the Irish Language, which enhances graduates’ employability in the public sector, in education and in many other areas.
Email teanga@mu.ie for further information.

IRISH LANGUAGE COMMITTEE
The committee works to promote the use of Irish in the day-to-day affairs of the University.
coistenagaeilge@mu.ie

We hold regular events on campus for Irish language speakers and for those with an interest in the Irish language. Our Irish language classes are very popular amongst students and staff. Cuilinnacht Cholm Cille, the University’s Irish language society, is one of the largest and most successful societies on campus.

There is a vibrant Irish language community here in Maynooth University.

Cuilinnacht Cholm Cille, Cumann Gaeilcháil na hOllscoile, ar cheann de na cumannn is mó agus is rathúil ar an gcampaíos.

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RESEARCH AT MAYNOOTH UNIVERSITY

In October 2017, the University held its first ever Research Week as part of the 20th Anniversary Celebrations. The week afforded academics, students, and the public the chance to engage with the vast range of truly inspiring and ground-breaking work being undertaken across the three faculties: Science and Engineering; Arts, Philosophy and Celtic Studies; and Social Sciences.

Events ranged from the Three-Minute Thesis Competition by post-graduate students, Ignite (rapid Powerpoint) competition, Inaugural Professorial Lectures, SPUR (undergraduate research presentations), and range of symposia, workshops and sharing of the research breadth and depth that is flourishing 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 INSTITUTES AND CENTRES

To bring together researchers across a range of disciplines, the University has established a number of recognised research institutes and centres that work in close co-operation with academic departments.

MAYNOOTH UNIVERSITY ARTS AND HUMANITIES INSTITUTE

Maynooth University is respected internationally as a major centre of research and scholarship in diverse areas of the arts and humanities. The Maynooth University Arts and Humanities Institute brings together over one hundred researchers and scholars from both Maynooth and partner institutions to ensure that we continually build on our strength in these traditional fields.

CENTRE FOR DIGITAL HUMANITIES

The Centre was established to apply the most modern scholarly and technological resources available to the study of the traditional disciplines.

MAYNOOTH UNIVERSITY HAMILTON INSTITUTE

A multidisciplinary research institute that builds bridges between mathematics and its applications in communications, networks, artificial intelligence and biology.

MAYNOOTH UNIVERSITY HUMAN HEALTH INSTITUTE

The Maynooth University Human Health Institute undertakes research that contributes to solving important problems to improve human health on an individual, national and global scale. Our research draws on the unique expertise across a wide range of disciplines at Maynooth University. We aim to translate basic research to effective therapies and outcomes with the support of industry partners, clinical partners and policy makers.

INNOVATION VALUE INSTITUTE

Hosted by Maynooth University, the Innovation Value Institute is an open innovation consortium of over thirty international organisations focussed on IT challenges for business.

MAYNOOTH UNIVERSITY SOCIAL SCIENCES INSTITUTE

The Maynooth University Social Sciences Institute was launched in March 2017 with a remit to foster and carry out research of societal importance in all areas of the Social Sciences. It brings together over one hundred excellent researchers from both Maynooth and external partners, and is a major international centre of excellence for research and policy in the social sciences. It incorporates the National Institute for Regional And Spatial Analysis, and the National Centre for Geocomputation.

NATIONAL CENTRE FOR GEOCOMPUTATION

The national leader in the field of Geocomputation, NCG is committed to extending understanding and utilisation of the capture, analysis and modelling of spatial data.

NATIONAL INSTITUTE FOR REGIONAL AND SPATIAL ANALYSIS

NRISA undertakes fundamental, applied and comparative research on spatial processes and their effects on social and economic development in Ireland, and providing high quality graduate education.

ICARUS – CLIMATE RESEARCH CENTRE

ICARUS undertakes leading edge research in observational climate science and modelling the effects of climate change – particularly as it affects Ireland.

ASSISTING LIVING & LEARNING INSTITUTE (ALL)

The ALL (Assisting Living & Learning) Institute's globally distinctive feature is in developing the interface between the users of technologies and the broader community and societal infrastructure and systems required to make this use beneficial. This interface is where some of the most exciting and empowering developments will occur in the coming decades.

CENTRE FOR OCEAN ENERGY RESEARCH

This centre joins the quest to make wave energy technically and economically viable. The cohort of researchers is multidisciplinary, coming from various branches of engineering, mathematics and naval architecture.

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For more details visit: www.maynoothuniversity.ie/research
IRELAND'S ONLY UNIVERSITY TOWN

Located in the heart of Ireland's only university town, we are just 25 kilometres from the city of Dublin. Surrounded by the rich heritage and beauty of Kildare, the university town has all you could need and all within walking distance.
MAYNOOTH UNIVERSITY CAMPUS

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.

Located in the heart of Ireland’s only university town, we are just 25 kilometres from the centre of Dublin.

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 more than 50% of all campus accommodation is reserved for first year students. The average annual cost of renting on the campus runs from between circa €4,500 and €6,100 depending on the choice of room and facilities.

The online booking system opens for prospective first years in early May. This is a first come first served process, which allows you to choose the room type you want within the budget you have planned. Unsuccessful CAO applicants receive a full refund of the booking fee paid to secure the room.

IRISH LANGUAGE ACCOMMODATION

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.

HOME FINDER SERVICE

There are many accommodation options available locally to the University - from traditional “digs” accommodation and self-catering in owner-occupied homes to private rented apartments and houses.

We offer an online “Listing Service” which assists property owners and Maynooth students to make that initial contact.

www.maynoothstudentpad.ie

OCCASIONAL OR GUEST ACCOMMODATION

Students may avail of campus accommodation on the South Campus. This is for occasional stays only.

www.maynoothuniversity.ie/accommodation/other-accommodation

SPORTS FACILITIES

- Sports halls
- Fitness centre
- Fully equipped gym
- Weights room
- Changing rooms
- Natural turf playing fields
- Floodlit all-weather playing pitch

The sports halls host badminton, 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 the canoe and kayak club.

Walking, golf or horse riding at Carton Estate.

The University has acquired 60 acres of adjacent land for the development of additional sport and recreational facilities.

LIBRARY

The Library sits in the heart of the campus. Recently extended, the Library offers a wide range of study and social facilities including an in-house café, laptop lending and WiFi throughout.

The Library is an eco-friendly building with a seeded roof and a range of technologies that minimise its impact on the environment.

With over 450,000 books/eBooks and more than 42,000 online journals, we can help you to make the most of your time in Maynooth. We also have a range of study areas including lots of PCs for student use, group study and seminar rooms fully equipped with AV facilities.

Taking time out from study is easy too with lots of spaces in which to relax including our Starbucks Café, an Exhibition space, touch tables and a landscaped atrium.

Library staff are here to help you find, use and manage information.

Library Information Skills Tutorials (LIST) are held regularly in the initial weeks of the first semester, and on a scheduled basis throughout the academic year. LIST tutorials can also be found online through our website. As well as that, staff can help you at any time during the day via the information desk, Library Chat on our homepage, email or phone.

www.maynoothuniversity.ie/library

Find us on Facebook and Twitter

CAFÉS AND DINING ON CAMPUS

- The Little Coffee Co. – Arts Building
- Subway – John Hume Building
- The Kitchen @ Phoenix – Phoenix Building
- The Living Room @ Phoenix – Phoenix Building
- Starbucks @ JP’s – The Library
- Students’ Union Bar – North Campus
- Pugin Hall – St. Patrick’s House on the South Campus

DESIGN FOR NEW STUDENT SERVICES BUILDING

Find us on Facebook and Twitter

www.maynoothuniversity.ie/library

> The Little Coffee Co. – Arts Building
> Subway – John Hume Building
> The Kitchen @ Phoenix – Phoenix Building
> The Living Room @ Phoenix – Phoenix Building
> Starbucks @ JP’s – The Library
> Students’ Union Bar – North Campus
> Pugin Hall – St. Patrick’s House on the South Campus

www.maynoothuniversity.ie/library

Find us on Facebook and Twitter

Design for New Student Services Building
Maynooth University Undergraduate Handbook 2019

Maynooth Students’ Union

Our mission is to add colour to your experience here in Maynooth.

Maynooth Students’ Union Services include:

> Peer Support Information and Help Centre
> Student Travel/Leap Card
> Printing, binding, laminating
> MU merchandise, hoodies, tees and lots more!
> Bar and Venue, located in the SU building; serving food all day and entertainment each night
> Londis Convenience Store, located in the John Hume Building; student prices, served by student staff

Connect with MSU

The MSU Info Centre is located in the Students’ Union building on campus. Any Maynooth student can drop in during business hours. You can also arrange to speak with student leaders or staff by appointment. MSU’s President, Vice President Education, VP Welfare & Equality and VP Clubs, Societies and Student Engagement are all based here.

You can also find us online! Visit www.msu.ie or search for @maynoothsu on your favourite social media channels.

Current Clubs & Societies Listing

> Club
- Aikido
- Armsoft
- American Football
- Aquatics
- Archery
- Athletics
- Australian Rules
- Badminton
- Basketball
- Boxing
- Camogie
- Chess
- Equestrian
- Fencing
- GAA Handball
- Golf
- Hockey
- Hockey
- Judo
- Karate
- Kickboxing
- Ladies GAA Football
- Ladies Soccer
- Mens GAA Football
- Mens Soccer
- Mountaineering & Bouldering NEW
- MUCK
- Olympic Handball
- Rowing
- Rowing
- Rugby
- Shooters
- Karate NEW
- Snooker
- Snowsports
- Surf
- Table Tennis
- Trampolining
- Ultimate Frisbee
- Volleyball

> Society
- Access
- Africa
- AIESEC NEW
- Animal Rights
- Anthropology
- Arts Crafts and Design
- Astro 2
- Biology
- BLW Campus Ministry
- Bosco NEW
- Business
- Banking
- Cancer
- Carts
- Celtic Studies
- Chemistry
- Chinese
- Christian Union
- Circus
- Common Grounds NEW
- Creative Writing
- Gaeltacht na Gaeltge
- Dance
- Design Lab
- Deakuma
- Disney
- DJ
- Drama
- Education
- Electronics Eng
- ELISA
- Empower
- Eructus
- Feminist
- Filmmaking
- FLAC
- French
- Froebel
- Gaels NEW
- Galway Cycle

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. They are the place to enjoy a current interest or develop new ones. With over 100 Clubs & Societies we are confident, no matter what your tastes, that you will find at least one that is perfect for you!

A key date in your calendar each year is the MU Clubs & Societies Fairs Day where you get to meet and join any of the University Clubs & Societies.
SCHOLARSHIPS
AT MAYNOOTH UNIVERSITY

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 who have obtained 550 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.

NEW – ENTRANCE SCHOLARSHIP FOR MH103 BACHELOR OF MUSIC
The Entrance Scholarship for MH103 Bachelor of Music was introduced in 2018 and is for one entrant to the degree commencing in September 2019. The top scoring applicant, based on the MH103 written test, interview and audition, will be offered the scholarship of €1,000. The successful applicant will be informed when they receive their offer for MH103 through the CAO.

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 year results.

EQUINE BUSINESS SCHOLARSHIP (OSBORNE SCHOLARSHIP)
Jointly sponsored by Maynooth University and Horse Racing Ireland, this scholarship honours Michael Osborne and his immense contribution to the Irish and international horse racing industry.

The scholarship lasts for the duration of the scholar’s undergraduate studies (three years) as long as they are full-time registered students of Equine Business and progress successfully at the end of each academic year.

SOCIOECONOMICALLY 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 socioeconomic 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. See p. 32 for more about Sport Scholarships.

For more details www.maynoothuniversity.ie/scholarships
SPORT SCHOLARSHIPS
AT MAYNOOTH

GAA, GOLF, RUGBY, SOCCER, SNOOKER

Specific requirements for soccer applicants
> Scholarships are intended for student athletes with proven or perceived potential to perform at a high level
> Application is open to all regardless of which school or club you are currently play for

Contact
Barry Prenderville, Soccer Development Officer
📞 +353 1 708 6504
✉️ barry.prenderville@mu.ie - Find us on Facebook and Twitter

GAA SCHOLARSHIPS
Jenny Duffy is the GAA Development Officer and manages the GAA Scholarship programme. The GAA scholarship programme offers a range of high performance supports providing students the opportunity to maximise their playing potential.

Categories of sport scholarship within GAA:
> Men’s Gaelic Football
> Hurling
> Ladies Football
> Camogie

Specific requirements
Minimum criteria to apply for MU GAA Scholarship is to represent your county at minor grade upwards, e.g. U21 & Senior.
> To be eligible to play under HE rules, please see www.hegaa.ie

Golf Scholarship programme.
BARRY FENNELLY

GOLF SCHOLARSHIPS
Barry Fennelly is the Golf Development Officer and manages the Golf Scholarship programme.

Categories of golf scholarship
> Platinum (High Performance Squad)
> Gold (Scholarship Squad)
> Silver (Observation Squad)

Specific requirements
> Hold an excellent profile of performances at National & International events at U19 level or beyond
> Hold a ranking on WAGR
> Have a desire to reach the pinnacle of the amateur game

Contact
Barry Fennelly, Golf Development Officer
📞 +353 86 167 5056
✉️ barry.fennelly@mu.ie
-

SNOOKER SCHOLARSHIPS
Snooker Scholarships are supported by the Republic of Ireland Snooker and Billiards Association. 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
📞 +353 1 708 3824
✉️ p.davis@mu.ie

www.maynoothuniversity.ie/sportscholarships

SPORTS SCHOLARSHIPS 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 Maynooth at inter-varsity competitions
- Visit schools or attend open days to discuss sporting opportunities at the University
- Both undergraduate and postgraduate students may be awarded scholarships for the duration of their studies. Postgraduate applications are considered on a case-by-case basis.

SOCCER SCHOLARSHIPS
Barry Prenderville is the Soccer Development Officer and manages the Soccer Scholarship programme.

Benefits of Soccer Scholarship
> Pathway to the national league’s top flight (links with local national league clubs)
> Access to the highest standard third level soccer competition (CUFL & IJPU WSCA)

APPLICATION BEFORE APRIL 1ST 2019
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
> Concession of up to 60 CAO points if required – scholars must meet minimum entry requirements for their chosen degree.
> Other minimum requirements apply. See website for details.
> Access to expert coaching and fitness training
> Sports psychology
> Health and nutrition advice
> Performance analysis
> Financial bursary
> Ongoing academic support
> Strength and conditioning support
> Access to top level coaches and playing facilities
> Free gym membership
> Medical and physiotherapy support
> Fitness testing and analysis

Barry Prenderville, Soccer Development Officer
📞 +353 1 708 6504
✉️ barry.prenderville@mu.ie - Find us on Facebook and Twitter
AN INTERNATIONAL UNIVERSITY

Erasmus and Study Abroad Opportunities

“I COULD NOT RECOMMEND STUDYING ABROAD MORE… THE OPPORTUNITIES AND LEARNING YOU WILL GAIN GO BEYOND ACADEMIC LEARNING, AND INCLUDE PERSONAL AWARENESS, CONFIDENCE AND INDEPENDENCE – TRAITS WHICH ARE INVALUABLE FOR THE REST OF YOUR LIFE.”

– Dr. Marian Crowley-Henry, School of Business

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

We encourage all students to study abroad either within Europe (Erasmus programme) or beyond. Studying abroad helps students expand their intellectual horizons, 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.

Some of our Partner Universities are listed here so start thinking about where in the world Maynooth University can take you!

ERASMUS PROGRAMME: SOME OF OUR PARTNER UNIVERSITIES

<table>
<thead>
<tr>
<th>PARTNER</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>University of Vienna</td>
<td>Austria</td>
</tr>
<tr>
<td>Université Libre de Bruxelles</td>
<td>Belgium</td>
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<tr>
<td>University of Split</td>
<td>Croatia</td>
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<tr>
<td>Charles University Prague</td>
<td>Czech Republic</td>
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<tr>
<td>University of Copenhagen</td>
<td>Denmark</td>
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<tr>
<td>University of Tampere</td>
<td>Finland</td>
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<tr>
<td>Aix-Marseille University</td>
<td>France</td>
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<tr>
<td>ESC Rennes</td>
<td>France</td>
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<tr>
<td>Catholic University of Lyon</td>
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<td>Sorbonne University</td>
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<td>LMU Munich</td>
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<td>Bonn University</td>
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<td>University of Mannheim</td>
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<td>University of Bremen</td>
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<td>University of Trento</td>
<td>Italy</td>
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<td>University of Amsterdam</td>
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<td>University of Groningen</td>
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<td>University of Oslo</td>
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<td>University of Ljubljana</td>
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<td>University of Alicante</td>
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<td>University of Granada</td>
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<td>University of Salamanca</td>
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<td>University of Lund</td>
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<td>University of Essex</td>
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<td>University of Southampton</td>
<td>United Kingdom</td>
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</table>

STUDY ABROAD PROGRAMME: SOME OF OUR PARTNER UNIVERSITIES

<table>
<thead>
<tr>
<th>PARTNER</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Notre Dame</td>
<td>Australia</td>
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<tr>
<td>Universidade de Sao Paulo</td>
<td>Brazil</td>
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<tr>
<td>Concordia University Montreal</td>
<td>Canada</td>
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<tr>
<td>University of Toronto</td>
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<tr>
<td>University of the Fraser Valley BC</td>
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<tr>
<td>Universidad de Santiago de Chile</td>
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<td>Shanghai University</td>
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<td>Beihang University</td>
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<tr>
<td>Universidad De La Salle</td>
<td>Colombia</td>
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<td>Universidad San Francisco De Quito</td>
<td>Ecuador</td>
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<tr>
<td>Nihon University Tokyo</td>
<td>Japan</td>
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<tr>
<td>Universidad de Guadalajara</td>
<td>Mexico</td>
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<tr>
<td>Nanyang Technological University</td>
<td>Singapore</td>
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<td>Korea Tech South</td>
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<td>Boston College</td>
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<td>Rollins College</td>
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<td>University of Arizona</td>
<td>United States</td>
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<tr>
<td>University of Miami</td>
<td>United States</td>
</tr>
<tr>
<td>Universidad de Montevideo</td>
<td>Uruguay</td>
</tr>
</tbody>
</table>

Contact us

☎ +353 1 708 3868
✉ international.office@mu.ie
🌐 www.maynoothuniversity.ie/international
COMMUTING TO MAYNOOTH

If moving to Maynooth is not an option for you, then commuting might be.

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 twelve other suburban stations: Drumcondra, Broombridge, Ashtown, Navan Road Parkway, Castleknock, Coolmine, Clonsilla, Hansfield, Dunboyne, M3 Parkway, Leixlip Confey and Leixlip Louisa Bridge. The new Luas Broombridge Interconnector links Maynooth to the Red and Green Luas Lines.

The Sligo train line passes through Maynooth to Dublin via Collooney, Interconnector links Maynooth to the Red and Green Luas Lines.

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 twelve other suburban stations: Drumcondra, Broombridge, Ashtown, Navan Road Parkway, Castleknock, Coolmine, Clonsilla, Hansfield, Dunboyne, M3 Parkway, Leixlip Confey and Leixlip Louisa Bridge. The new Luas Broombridge Interconnector links Maynooth to the Red and Green Luas Lines.

The Sligo train line passes through Maynooth to Dublin via Collooney, Interconnector links Maynooth to the Red and Green Luas Lines.

> Approximately 1,800 parking spaces on campus with specially-designated car-pooling spaces
> Cycling is a popular way of commuting to the University

30 minutes by car or train from Dublin
40 minutes by bus from Dublin

DIRECT BUS LINKS TO THE CAMPUS
Maynooth is served by two Dublin Bus routes, the 66 and the 67. They depart from Merrion Square in Dublin’s 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 Guide booklet for more details.

NEW ROUTE: BLANCHARDSTOWN > MAYNOOTH > NAAS

For more details on commuting to Maynooth www.maynoothuniversity.ie/location
Shane Creevy is a BA English and Philosophy graduate whose role at Storyful involves overseeing the discovery, verification and acquisition of top video content. Shane took part in MU’s SPUR Programme (Summer Programme for Undergraduate Research) as part of his BA and found the transferable skills very helpful.
The Maynooth Bachelor of Arts Degree

By choosing the Maynooth BA degree, a wide variety of interesting subjects is opened up to you. Thanks to the academic challenge of this degree, you will acquire specific subject knowledge and transferrable skills, such as social, analytical and management skills. Our aim is to develop graduates who are career-ready and equipped for employment and further study in Ireland or abroad.

Overview of MH101

<table>
<thead>
<tr>
<th>MH101 Bachelor of Arts degree</th>
<th>First Year</th>
<th>Second &amp; Final Year</th>
<th>Postgraduate Study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Continuing in MH101</td>
<td>Transfer Options (depending on your 1st year subject choices and grades)</td>
<td>Popular Options at Maynooth</td>
</tr>
<tr>
<td>MH101 Bachelor of Arts degree</td>
<td>&gt; 35 subjects in 6 groups&lt;br&gt; &gt; Choose 2, 3 or 4 subjects (no more than 1 per group)&lt;br&gt; &gt; 4 weeks to decide&lt;br&gt; &gt; Critical Skills available with all subject combinations&lt;br&gt; &gt; Possible to make change in your choices at the start of the second semester</td>
<td>&gt; BA Finance&lt;br&gt; &gt; BA International Finance and Economics&lt;br&gt; &gt; BA Accounting and Finance&lt;br&gt; &gt; BA Accounting and Finance Single Major BBS or BBA Business and Management / International Business / Marketing&lt;br&gt; &gt; BBS Business and Accounting&lt;br&gt; &gt; LLB Single Major&lt;br&gt; &gt; BCL Double Major Law and Arts / Law and Accounting / Law and Business / Law and Criminology&lt;br&gt; &gt; BSc Computer Science and Software Engineering&lt;br&gt; &gt; BSc Multimedia, Mobile and Web Development</td>
<td>&gt; Professional Master of Education&lt;br&gt; &gt; Primary Teaching / Secondary Teaching&lt;br&gt; &gt; Conversion Masters courses (where you haven’t studied the subject area in your first degree) such as MSc Business Management, LLM International Justice / LLM Criminology / MSc Rights &amp; Social Policy, HDIP Information Technology, MSc Design Innovation&lt;br&gt; &gt; Postgraduate options in the discipline studied at undergraduate level</td>
</tr>
</tbody>
</table>

Details about subjects available and progression options in the following MH101 subject pages and on www.maynoothuniversity.ie/level8

Bachelor of Arts students have up to four weeks at the start of the academic year to decide on their combination of subjects. You can change your mind over the four weeks at the start of term, as long as you meet any particular subject requirements e.g. H5 French to study French.

Some of the BA specialisations available to take from second year include:

- Anthropology: Specialise in Anthropology from second year
- Classics: Take at least two subjects from Greek & Roman Civilization, Greek or Latin
- Economics: Specialise in Economics from second year
- English: Specialise in English from second year
- Geography: Specialise in Geography from second year
- Finance: Specialise in Finance from second year
- History: Specialise in History from second year
- International Development: Plus one other subject in your degree
- Mathematics (Pure): In groups 1 and 3 and another subject, or on its own in third year
- Mathematical Physics: Specialise in Mathematical Physics from second year
- Mathematical Studies: Specialise in Mathematical Studies in third year
- Politics: Students take Politics and another subject from second year
- Philosophy, Politics and Economics: Study all three subjects for three years

Options 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 gain valuable skills including the hugely important ability to think critically and analytically. Our Arts graduates emerge as flexible thinkers who are ready for the challenges of the modern workplace in the years following graduation.
- Recent research shows that Maynooth University Master’s graduates surveyed reporting employment within nine months of graduation. It is possible through your Master’s degree to become an expert in a subject that you have already studied, with one to one attention in smaller class sizes and independent research projects. You could also undertake a Master’s in a totally new discipline to complement your degree (by taking a conversion programme). Examples of these conversion Master’s programmes at Maynooth include:
  - MSc Business Management (Business for non-Business graduates)
  - LLM International Justice/LLM Criminology/MSc Rights & Social Policy (conversion into legal and human rights courses)
  - MA International Peace-building - Edward Kennedy Institute (for careers in Mediation and International peace-building)
  - MSc Design Innovation - for bright sparks/ideas people/creatives - draw from a wide selection of degree backgrounds to work on real-world problems for companies - including marketing, IT, design etc.

Some of the areas in which arts graduates find employment 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

I chose to study in Beijing during my study abroad year which was a fantastic experience. I am now working for Ireland’s largest pork exporter, Rosderra Irish Meats Group. I am based in Shanghai, China. The skills and knowledge I learnt studying Chinese at Maynooth University has given me the ability and confidence to thrive in China.

PAUL GABAN, GRADUATE

"Any subject you choose is an opportunity to develop skills including the hugely important ability to think critically and analytically. This discipline is transferable and will be highly valued by future employers. My experience studying Chinese at Maynooth University has given me the ability and confidence to thrive in China. This is an investment in your future!"
Course Structure and Subject Groups

Course Structure

1st year: 60 Credits

► Choose 2, 3 or 4 subjects - one per group (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 do this if you are really sure of your subject choices

► Optional Critical Skills (15 credits) is available to take with all subject combinations. See p. 13 for details

2nd 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 first year there may be an option to move into a specialised degree, depending on the subjects you chose in first year and your results.

These are the possible transfer options having completed the first year of the Maynooth Arts degree:

BA in Classics
BA Finance
BA International Finance and Economics
BA Accounting and Finance

Single Major BBS or BBA  
(Business and Management / International Business / Marketing)

BBS Business and Accounting
LB Single Major

BCL Double Major  
(Law and Arts / Law and Accounting / Law and Business / Law and Criminology)

BSc-Computer Science and Software Engineering / BSc-Multimedia, Mobile and Web Development

Electives: In second year you’ll have the opportunity to take an Elective. This is an optional 10 credit short course which helps students to expand their university education and broaden their perspective. Electives are compatible with all subjects in MH101 and many of our specialised degrees. See p. 13 for details.

Erasmus or Study Abroad: BA students have the option of studying at one of Maynooth’s 150 partner universities after first year. Students taking this option graduate with a BA International degree after four years.

MH101 | Bachelor of Arts Subjects

For sample module details in the 35 Bachelor of Arts subjects, see the subject pages that follow.

Contact us

Maynooth University Admissions Office, Humanity House, South Campus
admissions@mu.ie ✆ +353 1 708 3822 🌐 www.maynoothuniversity.ie/level8

SECTION 1 – THE MAYNOOTH BACHELOR OF ARTS DEGREE  CAO CODE: MH101  POINTS 2018: 320

43
Accounting (group 6 subject)

For full details see p. 40.

You’ll study Accounting (the language of finance and business) along with up to three other Arts subjects in first year.

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).

Study technical accounting skills, financial analysis and the measurement of performance in business.

Why choose this subject?

You’ll gain financial literacy skills, a life skill, to help you make informed financial decisions.

Learn how to deal with the world of business and to pursue rewarding career opportunities.

The option of transferring in to one of our designated degree programmes at the end of first year.

Through Arts you can combine the study of Accounting with a wide range of other subjects to suit your interests.

Course structure

1st year
Accounting in MH101 Bachelor of Arts degree
- 15 credits of Accounting. There is an option to take another 7.5 credits of Accounting in the 2nd semester
- Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43)

2nd & Final year
- Take Accounting and one other subject to degree level (as a Double Major)
- Optional 10 credit Elective in 2nd year (see p. 13 for details)
- Or Apply to transfer into one of our specialised degrees in Accounting having achieved 80% or more in 1st year Accounting (MH403/MH407/ MH502 LWA – subject to conditions being met. See Course Finder for details)

Enrolment/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

Possible topics

1st year
- Introduction to Accounting
- Financial Accounting
- Fundamentals of Finance and Accounting

2nd year
- Financial Accounting
- Management and Cost Accounting
- Taxation

Final year
- Advanced Management Accounting
- Advanced Financial Accounting
- Ethics and Corporate Governance
- Advanced Financial Reporting
- Advanced Finance for Accountants

Options after graduation?

Our accounting programmes prepare students for a variety of careers in both the private and public sectors, and in every industry.

Graduates of specialised degrees MH403, MH407 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.

We also currently offer the following postgraduate courses:
- Higher Diploma in Professional Accounting
- Higher Diploma in Arts (Finance)
- MA in Accounting

Accounting is also available in
MH402: BA Accounting and Finance p. 133
MH407: BBS Business and Accounting p. 138
MH502 LWA: BCL Law and Accounting p. 146

Contact us
Maynooth University Department of Economics, Finance and Accounting
accounting.department@mu.ie
+353 1 708 3728
www.maynoothuniversity.ie/economics-finance-and-accounting

“You might also like
Business subjects p. 48-53
Economics p. 60
Finance p. 66
Law p. 88

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
Anthropology (group 4 subject)

Minimum entry requirements: For full details see p. 40.

Why choose this subject?

> Anthropologists study people and what they do, wherever in the world that may take us.
> At Maynooth, our emphasis is on social-cultural anthropology, which is the comparative study of human societies and cultures.
> As a social science, anthropology seeks to discover and explain the patterns of behaviour that have produced the astounding cultural variety among humans; it is uniquely able to foster better understanding of differences, such as those of ethnicity, gender, generation, or across the lines of wealth or politics.

Anthropology has become increasingly important as a job skill in an information-based global economy, where an understanding of cultural difference is increasingly crucial – from local to international contexts. Anthropology provides a good preparation for a career in community work, education, the health professions, product design, international aid and development projects, NGO work, and business and administration.

Options after graduation?

> Anthropology has become increasingly important as a job skill in an information-based global economy, where an understanding of cultural difference is crucial.
> Careers in community research and education.
> Opportunities in the health sector, user experience in design, international aid and development projects, NGO work, and business and administration.

Postgraduate study options currently include:

> MA in Anthropology
> MA in Anthropology & Development
> MA in Linguistic Anthropology
> MA in CREOLE (delivered with EU partner universities)
> MSc in Design Innovation (with Design Innovation Department)
> PhD in Anthropology

Anthropology is also available in

MH107: BSocSc in Social Science p. 120
MH109: BA Media Studies p. 121
MH502 LWD: BCL (Law and Arts) p. 148

Like all anthropology departments, there is a great diversity of themes and regional interests represented in ongoing research by people here in Maynooth University. Currently, anthropologists at Maynooth University are contributing to greater understandings of issues ranging from famine to drug use, from international migration to HIV, and from language policy to consumer cultures.

You might also like

Geography p. 74
Community Studies and Local Studies p. 125
Sociology p. 110

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

Contact us

Maynooth University Department of Anthropology,
Rowan House
anthropology.office@mu.ie
+353 1 708 3984
www.maynoothuniversity.ie/anthropology

“I chose to study Anthropology because I am interested in the reasons ‘we do the things we do’. Anthropology has given me a broader perspective into the complexities of human social realities. It has given me an understanding of human differences in an ever expanding and globalising society. Studying Anthropology in Maynooth has been a unique and exciting experience.”

KATIE CREMER, GRADUATE

For full details see p. 40.

International Business is about conducting business in different countries and managing people and organisations in an increasingly globalised world.

To effectively compete in this changing 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.

International Business provides 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.

Why choose this subject?

- Business (International) can be taken with any subject not in Group 2 e.g. a language, Anthropology, Geography amongst others.
- 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.
- 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.
- International Business students also have the option of taking a four year degree with a study year abroad, thus combining what they learn in university with insights into another culture.

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Business (International) Double Major, Major/Minor or as a Minor</td>
<td>To be eligible to do so, you must pass the 30 credit Business (International) option. Alternatively you must pass Business (International) and pass Accounting and Economics or Finance in 1st year</td>
</tr>
<tr>
<td>Choose up to three other subjects from the five groups available (maximum 1 subject per group – see groups table p. 43)</td>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
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</table>

For MH101 subject groups table go to p. 43

Possible topics

<table>
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<tr>
<th>1st year</th>
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<th>Final year</th>
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</thead>
<tbody>
<tr>
<td>International Business</td>
<td>International Business and International Human Resource Management</td>
<td>Strategic and Innovation Management</td>
</tr>
<tr>
<td>Organisational Behaviour and Management</td>
<td>Marketing and Operations Management</td>
<td>Managing Information Technology for Business</td>
</tr>
<tr>
<td>Marketing</td>
<td>International Management and Introduction to Management Information Systems</td>
<td>Business, Ethics and Society</td>
</tr>
</tbody>
</table>

Options after graduation?

- A recent survey of all Irish university graduates found that, amongst the 10 major fields of university study, Business had one of the highest rates of graduate employment (HEA 2017).
- 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.

Contact us

Maynooth University School of Business Building, North Campus
business@mu.ie
+353 1 708 6520/+353 1 474 7207/+353 1 708 3703
www.maynoothuniversity.ie/business
Find us on Facebook, Twitter, Instagram and LinkedIn

You might also like

Other Business subjects in the BA degree p. 50-53
Our range of specialised Business degrees – see section 3

www.maynoothuniversity.ie/level8

Full degree and module detail on our Course Finder

Business (International) is also available in
MH404 INB: BBS International Business p. 135
MH404 BMA: BBS Business and Management p. 134

Some International Business options are also available with
MH404 MKT: BBS Marketing p. 136
MH406: BBS Equine Business p. 137

PHOTO: MAYNOOTH UNIVERSITY SCHOOL OF BUSINESS AND NORTH KENTUCKY UNIVERSITY INTERACTIVE CLASS.
Business (Management) (group 2 subject)


> 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.

> 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.

> Managers are at the heart of how these complex functions are seamlessly combined to make the world look simple to customers. Our degree in Business Management will equip you with the tools necessary to achieve this.

Why choose this subject?
> Business (Management) can be taken with any subject not in Group 2 e.g. Law, Anthropology, a language amongst others.
> Our faculty are a blend of international and local industry experts who bring profound insights into the practicality and complexity of Management.
> Management students at Maynooth are offered unparalleled choice and flexibility. This degree offers you insights into all of the major functions of business, as well as the opportunity to undertake specialist options in the subjects you most enjoy so that you can specialise your degree based on your own strengths and interests.
> Management students also have the option of taking a four year degree with a study year abroad, thus combining what you learn in university with insights into another culture.

Options after graduation?
> A recent survey of all Irish university graduates found that, amongst the 10 major fields of university study, Business had one of the highest rates of graduate employment (HEA 2017).
> 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 common.
> 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.

Business (Management) is also available in
MH404 BMA: BBS Business and Management p. 134
MH404 INB: BBS International Business p. 135

Some Management options are also available with
MH404 MKT: BBS Marketing p. 136
MH405: BBS Equine Business p. 137
MH407: BBS Business and Accounting p. 138
MH502 LWB: BCL (Law and Business) p. 146

Contact us
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business@mu.ie
+ 353 1 708 6520/+ 353 1 474 7307/+ 353 1 708 3703
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Course structure

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<tr>
<td>BA Bachelor of Arts – Business Management Double Major, Major/Minor or as a Minor</td>
<td></td>
</tr>
<tr>
<td>&gt; 15 or 30 credits of Business (Management) and choose up to three other subjects including Critical Skills from the five groups available (maximum 1 subject per group – see groups table p. 43)</td>
<td></td>
</tr>
<tr>
<td>&gt; 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 our specialised BBS Business and Management degree. To be eligible to do so, you must pass the 30 credit Business (Management) option. Alternatively you must pass Business (Management) and pass Accounting and Economics or Finance in 1st year</td>
<td></td>
</tr>
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<td>Optional 30 credit Elective in 2nd year (see p. 13 for details)</td>
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<td>Enrolment/Study Abroad option after 2nd year</td>
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For MH101 subject groups table go to p. 43

Possible topics

<table>
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<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; Business Models</td>
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<tr>
<td>&gt; Marketing</td>
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<td>&gt; Organisational Behaviour and Management</td>
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<td>&gt; Human Resource Management</td>
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<td>&gt; Operations Management</td>
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<tr>
<td>&gt; Introduction to Managing Information Systems</td>
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<td>&gt; Strategic Management</td>
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<tr>
<td>&gt; Innovation Management</td>
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<tr>
<td>&gt; Managing Information Technology for Business</td>
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</tbody>
</table>

You might also like
Other Business subjects in the BA degree p. 48 & 52
Our range of specialised Business degrees - see section 3

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat

> ‘If we want to know what a business is, we have to start with its purpose… There is only one valid definition of business purpose: to create a customer’ (Drucker). Creating a customer is central to what we teach and research in Marketing at the Maynooth School of Business.

> Marketing is more than a function. It is a customer-centric, enterprise-wide set of processes, systems, and activities that connect firms and customers in a dynamic global marketplace. Effective marketing requires an understanding of the business as a whole and of the managerial value creation and capture process.

> Marketing is critical for the organic growth of a business – a key challenge for small to medium enterprises in Ireland and worldwide, as well as multinational organisations located in Ireland. It helps an organisation to create value and profits by enabling them to better understand the needs of its customers and providing them with innovative products and services.

**Business (Marketing) (group 2 subject)**


Why choose this subject?
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, who bring profound insights into the practicality and complexity of the marketing subject.

> 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 according to your strengths and interests.

> Marketing students also have the option of taking a four-year degree with a study year abroad, thus combining what you learn in university with insights into another culture.

> Business (Marketing) can be taken with any subject not in Group 2 e.g. Psychological Studies, Geography, Law, Anthropology, a language among others.

**Course structure**

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Business (Marketing) Double Major, Major/Minor or as a Minor</td>
<td>+ 30 credits of Business (Marketing) and continue with one of your 1st year subjects as a Double Major, Major/Minor or as a Minor. Alternatively, transfer into our specialised degree in Marketing. To be eligible to transfer you must pass the 30 credit Business (Marketing) option. Alternatively you must pass Business (Marketing) and pass Accounting and Economics or Finance in 1st year</td>
</tr>
<tr>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
<td>Ensame/Study Abroad option after 2nd year</td>
</tr>
</tbody>
</table>

For MH101 subject groups table go to p. 43

**Possible topics**

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Research</td>
<td>Brand Management</td>
<td>International/Marketing</td>
</tr>
<tr>
<td>Introduction to Marketing</td>
<td>International Business</td>
<td>Contemporary Issues in Marketing</td>
</tr>
<tr>
<td>Organisational Behaviour and Management</td>
<td>Digital Marketing</td>
<td>Strategic Management</td>
</tr>
</tbody>
</table>

**Options 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, mobile marketing, 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.

Business (Marketing) is also available in
MH404 MKT: BBS Marketing p. 136

Some Marketing options are also available in
MH404 BMA: BBS Business and Management p. 134
MH405: BBS Equine Business p. 137

Contact us
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+353 1 708 6520/+353 1 474 7207/+353 1 708 3703
+353 1 708 6520
www.maynoothuniversity.ie/business
Find us on Facebook, Twitter, Instagram and LinkedIn

You might also like
Other Business subjects in the BA degree p. 48-51
Our range of specialised Business degrees – see section 3

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
Chinese Studies (group 6 subject)

Minimum entry requirements: For full details see p. 40. As students take Mandarin Chinese language as beginners, it is advisable to attend all lectures from the first week of term.

A wide range of subjects including Chinese language, culture, society and history are covered in this course.

The programme is designed for absolute beginners so you don’t need any prior knowledge of Chinese to study with us.

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. We currently have students studying Chinese in universities in Beijing, Shanghai and Xiamen. Throughout your year abroad, Maynooth University’s Beijing office staff will be there to support you.

Why choose this subject?

There are only two BA programmes in Chinese Studies available in Ireland and one of these is in Chinese Studies in the School of Modern Languages Literatures and Cultures at Maynooth University.

There is a growing demand for graduates with a knowledge of Chinese language and culture and at Maynooth you have the opportunity to study Chinese along with up to three other Arts subjects in first year. You can choose subjects you are familiar with or choose entirely new ones.

Learning Chinese provides a window to understanding the world. Learning about the Chinese language, culture and society will help you to acquire new skills and develop unique interests that will be of considerable value to you in your future career. These skills and interests will make you stand out from the crowd and enable you to be more competitive in the global market.

Options 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 in Chinese Studies programme offered by Maynooth University.

Chinese Studies is also available in
MH401 IFE: BA International Finance and Economics p. 131
MH502 LWD: BCL (Law and Arts) p. 148

Contact us
Maynooth University Chinese Studies, Arts Building
chinese.department@mu.ie
+353 1 474 7183
www.maynoothuniversity.ie/chinese
Find us on Twitter

You might also like
French p. 68
German p. 76
Spanish p. 112
Computer Science (group 5 subject)


For full details see p. 40.

> Computer Science at Maynooth University is the study of all the essentials of computers and software.

> Students enjoy the huge benefit of studying other Arts subjects with Computer Science in first year with options to take different degree paths afterwards.

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

Why choose this subject?

> 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, which opened in 2015.

> Our new 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 Programming Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

Course structure

1st 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
- Plus choose 2 or 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group) – see p. 43 for compatible subjects

2nd & Final year

- Computer Science
- Continue with 1 of your other 1st year subjects
- Optional 10 credit Elective in 2nd year (see p. 13 for details)
- Option to transfer to a specialised degree MH601 (BSc Computer Science through Arts), if students have taken 30 credits of Computer Science plus 15 credits of Mathematics

Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

Possible topics

1st year

- Introduction to programming, computer systems and computer science theory
- Algorithms
- Data Structure
- Operating Systems
- Multimedia Technology

2nd year

- Networks
- Theory of Computation
- Software Engineering
- Complexity
- Choice of CS topics

Final year

- Networks
- Theory of Computation
- Software Engineering
- Complexity
- Choice of CS topics

Options after graduation?

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

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

Postgraduate options currently include:

- MSc Computer Science (Applied)
- MSc Geocomputation
- MSc Data Science

Computer Science is also available in

MH601 CSA Computer Science and Software Engineering (through Arts) p. 184
MH601 MBA Multimedia, Mobile and Web Development (through Arts) p. 185

Contact us

Maynooth University Department of Computer Science, Eolas Building
admin@cs.mu.ie
+353 1 708 3847
www.maynoothuniversity.ie/computer-science

You might also like

BSc Computer Science and Software Engineering (through Science) p. 186
BSc Multimedia, Mobile and Web Development (through Science) p. 187
Criminology (group 2 subject)
For full details of MH101 minimum entry requirements see p. 40.

> Criminology can be described as the scientific study of crime. Criminologists study the causes of crime and society’s reaction to it.
> At Maynooth, we offer a unique opportunity to study Criminology as part of a broad based Arts 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.

Why choose this subject?
> No other University in the Republic of Ireland offers the opportunity to study Criminology as part of your Arts programme, or as part of a core law degree (if you move from MH101 to MH502 in second year).
> Unique interdisciplinary programme with perspectives from sociology, psychology and economics as well as law.
> Flexibility and choice, including options to transfer into law.

Options 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 Department of Law also offers a range of postgraduate study options in related fields such as:
> MA (Comparative Criminology and Criminal Justice)
> LL.M. (International Justice)

Criminology is also available in MH502 LWC BCL (Law and Criminology) p. 147

Contact us
Maynooth University Department of Law, New House
crime.department@mu.ie
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www.maynoothuniversity.ie/law
Follow us on Twitter, Facebook, Instagram and LinkedIn

You might also like
Anthropology p. 46
Law p. 88
Psychological Studies p. 108

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

Criminology Lecturers
The Department of Law is pleased to count a number of criminological experts among its staff. Professor Claire Hamilton was a co-editor of the recent publication The Routledge Handbook of Criminology, while both Claire and Dr David Doyle were recently awarded funding by the Irish Research Council to carry out criminological research projects. Claire received a New Horizons Research Project Grant for her project ‘CONTAGION’: Counterterrorism, Coercion, and EU Criminal Justice Policy and David was awarded a New Foundations Award to conduct an exploratory study of victim perspectives on forced labour and trafficking for criminal activities in Ireland.
Economics (group 4 subject)


> Economics relates to every aspect of our lives, from the choices we make to the decisions made by governments and businesses.
> An understanding of economics is essential for thinking about many of the issues confronting society today, such as unemployment, taxation, globalisation, inequality and pollution.
> Economics requires you to think deeply about the way the modern world functions and why.
> We also offer the opportunity to study three Arts subjects to degree level - Philosophy, Politics and Economics. This 2nd and final year pathway is ideal for students who wish to gain a rich, empirically-based understanding of the challenges posed by globalisation and a globalised economy, political volatility and democracy.

Why choose this subject?
> Economics is a fascinating and challenging subject that is critical to the modern world. Economics provides students with outstanding analytical and problem solving abilities, including numerical and computing ability, as well as enhanced communication and presentation skills.
> At Maynooth, we place a strong emphasis on both mastery of the skills required to become an ‘economic thinker’ and on the policy aspects of everything we teach.
> As a student of Economics at Maynooth you learn to think clearly, to analyse issues in-depth, and to argue logically. You also gain numeracy, writing and presentation skills. Our graduates have excellent problem-solving and analytical skills, both of which are in demand from employers.

Options after graduation?
> Graduates emerge with a deep knowledge of Economics and a variety of skills – numeracy, analytical and problem solving – that give them a competitive edge in the job market.
> Our graduates work in a wide variety of careers such as management, accountancy, banking, financial services, management consultancy and economic consultancy, to name but a few.
> The department has strong links with business and the wider economics community including the Central Bank, the ESRI, hedge funds and fund management companies, as well as the big four accounting practices and US multinationals. You can also pursue further study.

Postgraduate study options in Economics at Maynooth currently include:
> MSc in Economics
> MSc in Finance
> MSc in Economic and Financial Risk Analysis
> PhD in Economics or Finance

For full degree and module detail on our Course Finder, go to www.maynoothuniversity.ie/level8

Find us on Twitter @MaynoothEcon

You might also like
> Accounting p. 44
> Business Subjects p. 48-53
> Finance p. 56


<table>
<thead>
<tr>
<th>Course structure</th>
<th>Possible topics</th>
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</thead>
<tbody>
<tr>
<td>1st year</td>
<td>1. Microeconomics</td>
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<td></td>
<td>3. Final year</td>
</tr>
</tbody>
</table>

For MH101 subject groups table go to p. 43

Economics is also available in
MH107: BSc in Social Science p. 120
MH109: BA Media Studies p. 121

Contact us
Maynooth University Department of Economics, Finance and Accounting, Rhetoric House
Tel: +353 1 708 3728
Email: main.adderley@mu.ie
Website: www.maynoothuniversity.ie/economics-finance-and-accounting

"I graduated with a BA in Economics and Finance and an MA in Finance from Maynooth. I was a research economist at the Bank of England and am now working as a careers adviser in Queen Mary University in London. I very much enjoyed my time at Maynooth and found the Department to be enthusiastic, knowledgeable and supportive."

CATHY BALFE BA, MA, PhD, GRADUATE
> A rich and fascinating world of English literature is opened up to you when you study English at Maynooth.

> The study of English literature allows you to travel without leaving home, to witness historical moments that took place before you were born, and to study the human condition up close, in all its love, pain and glory.

> Great literature can give you as much of an insight into the complexities of human nature as any psychology textbook can. It can help you see complicated situations from multiple angles. It can be thought-provoking, moving, shocking, and funny – often all at the same time.

> The degree programme reflects the changing, global nature of English language literature while providing students with a thorough understanding of established traditions.

### Course structure

#### 1st 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
  - Plus choose 2 or 3 other subjects including Critical Skills from the groups available (maximum 1 subject per group – see groups table p. 43)

#### 2nd & Final year
- **English**
  - Continue with 1 of your 1st year subjects
  - Optional 10 credit elective in 2nd year (see p. 13 for details)
  - All students have the option 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

### Possible topics

#### 1st year
You will engage with a wide range of literary texts, learning to recognize and analyze key features of poems, prose works and plays. Your experience of literature will be enhanced through close reading, active discussion and writing exercises designed to develop your critical thinking and expression.

#### 2nd year
You will be introduced to a broad thematic study of English literature via a wide range of historical periods and geographical locations – from the Renaissance 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.

#### Final year
You will explore literature in English at an advanced level and investigate some new areas of the discipline. You will deepen your knowledge of more specialized 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.

### Options after graduation?
- Critical thinking and advanced communication skills are just two of the attractive assets you will have as a graduate of English. You will also develop valuable writing, research and analytical skills.
- 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.
- MA in English: Literatures of Engagement
- PhD in English

### Why choose this subject?
> The Department 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.

> Studying English at Maynooth 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. This will help foster your critical and intellectual abilities, your awareness of the multi-dimensional nature of human situations, and an ability to approach problems with an open and enquiring mind.

> As a result, you will gain analytical skills, finely-honed writing skills and develop critical thinking – skills which appeal greatly to future employers.

### English is also available in
- MH109: Media Studies p. 121
- MH401 FIN: BA Finance p. 130

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**Contact us**
Maynooth University Department of English, Iontas Building
+353 1474 7208
english.department@mu.ie
www.maynoothuniversity.ie/english

**You might also like**
- Economics p. 60
- Politics p. 106
- Psychological Studies p. 108

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For full details of MH101 minimum entry requirements see p. 40.

For MH101 subject groups table go to p. 43.
European Studies (group 2 & 6 subject)

For full details of MH101 minimum entry requirements see p. 40.

> The European Studies subject focuses on the study of the history and politics of contemporary Europe and its institutions.

> On this programme you will explore how European institutions function and how they have evolved over the years.

> You will learn about 20th and 21st century history and how conflict and reconciliation has shaped present-day attitudes towards European integration.

> You will learn about the different regions of Europe and the successes or not of their integration into the European Union and its institutions. You will have a chance to think about possible futures of the European project.

> You will have the option of studying German or Spanish at beginner or intermediate level.

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; Final year</th>
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</thead>
<tbody>
<tr>
<td>Core subject groups include European Studies and 1 other subject to degree level.</td>
<td>Continue with European Studies and 1 other subject as a Double Major or as a Minor.</td>
</tr>
<tr>
<td>Unit 1: Unity in Diversity: An Introduction to European Studies</td>
<td>Optional 10 credit Elective in 3rd year (see p. 13 for details)</td>
</tr>
<tr>
<td>Unit 2: 'Big Ideas' in European Studies</td>
<td>Erasmus/Study Abroad option after 2nd year</td>
</tr>
<tr>
<td>EU Law</td>
<td>Final year</td>
</tr>
<tr>
<td>Political Science</td>
<td>Final written Assignment</td>
</tr>
<tr>
<td>European History 1911-1945</td>
<td>Europe and the UK</td>
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<tr>
<td>European History 1945 - present day</td>
<td>Other modules in European History from the History Department</td>
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</tbody>
</table>

Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
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</thead>
<tbody>
<tr>
<td>Unity in Diversity: An Introduction to European Studies</td>
<td>EU Law</td>
</tr>
<tr>
<td>‘Big Ideas’ in European Studies</td>
<td>Politics of the EU and International Relations</td>
</tr>
</tbody>
</table>

Why choose this subject?

> The European Studies programme at Maynooth is unique in that it focuses on the politics and recent history of Europe and its institutions. The programme offers an excellent preparation for a career in Europe or for an advanced degree in European Studies.

> Staff teaching on the European Studies have expertise in European institutions and enlargement, on the history of war and peace in the Balkans and the legacy of the communist period in Eastern Europe.

> The European Studies programme is closely integrated with the Maynooth Centre for European and Eurasian Studies (MCEES) and hold regular events, invites guest speakers.

Options after graduation?

> As part of your degree, you will have the option to take part in a field trip to Brussels, including a visit to the European Parliament and meeting with Irish MEPs.

Contact us

Maynooth University European Studies Office, Rowan House
+353 1 708 6766
johnpaul.newman@mu.ie

You might also like

Anthropology p. 46
Law p. 88
Sociology p. 110

For full details of MH101 subject groups go to p. 43
Finance (group 4 subject)


- Finance is taught as an application of Economics.
- It examines the role of government and international organisations in the management and regulation of financial markets.
- Finance is the study of investment risk and reward.

Why choose this subject?

- 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.
- A second language is an advantage for Finance graduates. As an Arts student, you may combine Finance with Chinese, French, German, or Spanish – all (except French) are available to beginners.
- The Department is made up of an accomplished group of academics with an international reputation for excellence in research and teaching.

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; Final year</th>
<th>Erasmus/Study Abroad option after 2nd year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Finance</td>
<td>After 1st year you can take Finance in a Double Major as a Single Major, as a Major or as a Minor with one of your other 1st year subjects. The threshold for progression into the Single Major route is 40%. You may also transfer into MH401 (BA Finance) if you attain 50% in Finance and pass Accounting. Alternatively you may transfer into MH401 (BA International Finance and Economics) if you attain 50% in Finance and pass 15 credits of Mathematics.</td>
<td>15 credits of Finance or at least 3 essays to be submitted by 4 April</td>
</tr>
<tr>
<td>Double Major, Single Major, Major Minor or as a Minor</td>
<td>1st year Finance students may also transfer into MH403 if they take 22.5 credits of Accounting in 1st year and attain 60% in Accounting.</td>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
<tr>
<td>&gt; 15 credits of Finance</td>
<td>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43)</td>
<td>Enrol in 2nd year after 1st year</td>
</tr>
</tbody>
</table>

For MH101 subject groups table go to p. 43

Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; Microeconomics</td>
<td>&gt; Corporate Finance</td>
<td>&gt; Investments</td>
</tr>
<tr>
<td>&gt; Macroeconomics</td>
<td>&gt; Financial Management</td>
<td>&gt; Derivative Securities</td>
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<tr>
<td>&gt; Quantitative Methods</td>
<td>&gt; Econometrics</td>
<td>&gt; Financial Modelling</td>
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<tr>
<td>&gt; Financial Markets and Institutions</td>
<td>&gt; Financial Markets</td>
<td>&gt; Fixed Income Markets</td>
</tr>
<tr>
<td>Money and Banking</td>
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<td>&gt; Econometrics</td>
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<td>&gt; International Finance</td>
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<td></td>
<td>&gt; Finance Thesis</td>
</tr>
</tbody>
</table>

Options 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 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.
- Postgraduate study options may include:
  > MSc in Finance
  > MSc in Economic and Financial Risk Analysis
  > PhD in Finance
- Other graduates combine their undergraduate degree in Finance with graduate studies or professional qualifications in a disparate range of fields, including accounting, IT, law and taxation.

Finance is also available in

MH109: BA Media Studies p. 121

Contact us

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www.maynoothuniversity.ie/economics-finance-and-accounting
Find us on Twitter

"I was hired by Mercer as a trainee actuary thanks to my time spent studying at Maynooth University. I would highly recommend the BA Finance in Maynooth University to anyone."

CARMEL CUSHEN, GRADUATE

You might also like

Accounting p. 44
Business Subjects p. 48-53
Economics p. 60

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
French (group 6 subject)

Minimum entry requirements: Leaving Certificate H5 French required to take this subject (H4 from 2020). No beginner stream.

For details see p. 40.

Students have been studying French at Maynooth since the foundation of the college in 1795.

French is a world language, spoken by 274 million people on several continents and in French territories overseas.

Our programmes cover periods from Old French to the present day, and a variety of French-speaking regions around the globe.

If you would like to attain a high level of competency in a modern European and world language, as well as learn about French and Francophone cultures past and present, studying French as part of our BA degree 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 Translation; while in your second and final years 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, Cinema and Breton.

Why choose this subject?

- 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.
- Maynooth has a network of exchanges with universities in countries where French is spoken. Studying French opens a world of exciting opportunities.
- As part of this programme, you may also spend a year studying at a French-speaking university or working as a language teacher in France (subject to availability).
- At Maynooth University, students gain a thorough grounding in the language and acquire a familiarity with a world language expressing vibrant cultures and diverse histories. French is offered in a friendly, supportive environment at non-beginner level (Leaving Certificate H5 in French or equivalent) from first year.

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

Options 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.

Students can continue with French at postgraduate level on programmes such as:
- MA French
- MA Modern Languages, Literature and Culture: Narratives of Conflict – French
- M Litt French
- PhD French

French is also available in

MH401 IPE: IBA International Finance and Economics p. 131
MH502 LWD: BCL (Law and Arts) p. 148

Contact us
Maynooth University French, Arts Building
+353 1 708 3663
French.sec@mu.ie
www.maynoothuniversity.ie/french

Find us on Twitter

"I graduated with a BA in French and Music. I really liked the structure of the course at Maynooth with its multi-dimensional approach, focusing on literature, Francophone culture and society as well as linguistic competence (which was further enhanced by an active French society within the university)."

JOHN KILLEEN, GRADUATE

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
Deanann mic léinn ag chur i bhfeidhm ar Na-Ghaeilge staidéar ar an teanga (labhartha agus scríofa) agus ar ghnáth. Tá náisiúnanna is móra ar fáil mar cheann de na cumhachtai a bhíonn ar fáil sa Gaeilge mar cheann de na dáthachtaí a dhéanamh ar an teanga. Baineann mic léinn an méid sin amach i Roinn atá cairdiúil ag an Ghaeilge, chomh maith le scileanna a bheidh úsáideach dóibh le linn a saol, is cuma cén fáth a ndéanfadh staidéar ar an nGaeilge.

Is iomaí gné de léann na Gaeilge a ndéantar an gcampas le breis is dhá chéad bliain. Bhfód. Dá bhrí sin, tá an Ghaeilge á múineadh ar luath tar éis do Choláiste Phádraig teacht ar an teanga. Tá traidisiún Gaeilge i Má Nuad a théann i bhfad is mó ag mic léinn ceisteanna a chur, cleachtadh a dhéanamh ar struchtúr a chur i láthair.

Déanann mic léinn ar chúrsa na Nua Ghaeilge Mhoch, Logainmneacha agus Ammeacha Pearsanta a dhéanamh na hÉireann. Mar cheann de na cúrsaí tá an Ghaeilge á ghlacadh mar a chuid de na cúrsaí a dhéanann staidéar ar an teanga (labhartha agus scríofa) sa Roinn Gnóthaí Eachtracha.

Tá traidisiún Gaeilge i Má Nuad a théann i bhfad is mó ag mic léinn ceisteanna a chur, cleachtadh a dhéanamh ar struchtúr a chur i láthair.

Cé náisiúnta is móra ar fáil a dhéanfadh staidéar ar an teanga?

1. Tri mheán na Gaeilge a bhionn na léachtai, na ranganna teagaisc agus na ceardlaí meánaise a bhíonn ar fáil sa teanga.
2. Tri mheán na Gaeilge a bhíonn na léachtai, na ranganna teagaisc agus na ceardlaí meánaise a bhíonn ar fáil sa teanga.
3. Tri mheán na Gaeilge a bhíonn na léachtai, na ranganna teagaisc agus na ceardlaí meánaise a bhíonn ar fáil sa teanga.
4. Tri mheán na Gaeilge a bhíonn na léachtai, na ranganna teagaisc agus na ceardlaí meánaise a bhíonn ar fáil sa teanga.

Déan teagmháil linn

Roín: na Nua Ghaeilge
Aimsigh an Roinn ar Twitter: @NuaGhaeilgeOMN
Chun teagmháil a bhaint amach thar na blianta le staidéar a dhéanamh ar an teanga.

Dhún na nGáidhealais

Tá scileanna teanga, scileanna thairiscite, scileanna gléas ar fáil sa teanga. Tá na cláir iarchéime seo a leanas á dtairiscint ag an Roinn faoi réimsí na ríomheolaíochta agus sa Roinn Gnóthaí Eachtracha.

Struchtúr an chúrsa

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</table>
Nua-Ghaeilge (group 4 subject)

Minimum entry requirements: Leaving Certificate H5 in Irish (or equivalent) required to study Nua-Ghaeilge (H4 from 2020). No beginner stream in Nua-Ghaeilge. For full details see p. 40.

Students of the Modern Irish course study the language (spoken and written) and aspects of literature and culture.

Our students learn about the diversity and rich heritage of the Irish language, and also acquire skills which will be advantageous to them throughout their lives, irrespective of what career they choose. They will accomplish this in a friendly, open Department which has a strong commitment to Irish and to learning.

Spoken and written Irish are obviously central to our course and students are given every encouragement and support to improve their oral and written skills. To this end, students normally spend a period of residence in the Gaeltacht.

Courses are given on contemporary literature – poetry, prose and drama – and explore certain themes in the literature in greater depth. Courses are also given on the literature of earlier periods of Irish: poetry, the Fenian Cycle, the 17th, 18th and 19th centuries. There also are optional modules on Scottish Gaelic and on Irish personal and place-names. 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.

Why choose this subject?

- All lectures, tutorials and workshops are through the medium of the Irish language, as is all communication with the Department, and while the first year course places significant emphasis on the written language (i.e. grammar), no prior knowledge of grammar is necessary.
- There is an Irish language support centre, An Droichead, which provides assistance to students, first year students in particular, who are struggling with the language. This works on a peer-tutoring basis, with second and third year students tutoring groups of no more than five students – allowing students to ask questions, to practice structures, etc.
- Maynooth has a long-standing tradition of Irish. The Professorship of Irish was established in 1804, shortly 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. Among the courses offered are Linguistics, Folklore, Literary Criticism, Scottish Gaelic, Early Irish, and our students have been successful in securing funding to study at MA, M.Litt, MSc and PhD levels.

Options 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.
- The following postgraduate programmes are currently offered by the Department: M.Litt. in Modern Irish (major thesis), MA in Modern Irish (minor thesis and coursework/examinations), PHD in Modern Irish, and our students have been successful in securing funding to study at MA, M.Litt, MSc and PHD levels.

Nua-Ghaeilge also available in

MH109: BA Media Studies p. 121
MH502 LWD: BCL (Law and Arts) p. 148

Contact us

Maynooth University Department of Modern Irish
nua.ghaeilge@mu.ie
+353 1 708 3666
www.maynoothuniversity.ie/nua-ghaeilge-modern-irish
Find the Department on Twitter: @NuaGhaeilgeOMN

You might also like

Chinese Studies p. 54
French p. 68
German p. 76
Old Irish and Celtic Languages p. 102
Spanish and Latin American Studies p. 112

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
For full details of MH101 minimum entry requirements see p. 40.

> We explore environment, place, and space. We ask questions such as: How much climate change are we causing and how quickly? What sorts of attachments to home do people form and what happens when these are disrupted by migration? How is Ireland, and its regions, affected by economic globalisation?

> Geography education at Maynooth includes field trips, both in Ireland and overseas.

> Students can choose 15 or 30 credits of Geography in first year and progress into a Single Major degree from second year.

> In your third year, you may opt for an industry placement module (subject to availability) to experience what it’s like to work with an organisation outside the University.

**Possible topics**

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
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</thead>
<tbody>
<tr>
<td>Students can choose 15 or 30 credits of Geography in first year. The two separate 15 credit Geography topics are:</td>
<td>You will study a range of different approaches in Geography, and have options to undertake a work placement either in Ireland or overseas.</td>
<td>In 3rd year you can choose some of these specialisms, or include, for example:</td>
</tr>
<tr>
<td>Living Landscapes – in group 1 (15 credits)</td>
<td>Global Environments – in group 6 (15 credits)</td>
<td>- Geopolitics - Regional Development</td>
</tr>
<tr>
<td>This introduces you to the diversity of human and physical landscapes across the modern world. Landscapes are both ‘vast and past’, shaped by physical and human geographical processes, which are often interdependent. Living Landscapes will allow you to investigate world-forming processes examining how humans across the world are part of, and also create, unique landscapes that generate issues including hazard prevention, poverty and resource depletion.</td>
<td>This introduces students to the issues involved in modern global development within a highly modified, rapidly changing natural environment.</td>
<td>- Environmental Remote Sensing</td>
</tr>
<tr>
<td>- Modern environments are shaped by physical forces and societal impacts formed by a range of geographical processes, which interact to create unique local management issues. If choosing Global Environments from Group 6, you cannot choose another subject in Group 1, other than Geography – Living Landscapes.</td>
<td>- Biogeography - Geographies of Health - Political Geography alongside Methods modules to develop further skills, including Geographical Information Systems.</td>
<td>- Global Foodscapes - Environmental Remote Sensing.</td>
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<tr>
<td>- If you take 30 credits of Geography, you may not choose subjects from group 6.</td>
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</table>

**Why choose this subject?**

> You will learn to think critically, analysing how and why our world changes. Geography paves the way for active citizenship and lifelong learning.

> Our students develop a special way of thinking ‘spatially’, with space and place at the forefront of their analysis, and learn a range of skills which appeal to employers.

> Our students are taught by international experts in the fields of environment, place and space.

**Course structure**

<table>
<thead>
<tr>
<th>2nd &amp; Final year</th>
<th>OR 2nd &amp; Final year</th>
<th>1st year</th>
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</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Geography – Single Major, Double Major, Major/Minor or as a Minor, Geography and 1 other subject to degree level</td>
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<tr>
<td>Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group)</td>
<td>Single Major Geography from 2nd year</td>
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<tr>
<td>&gt; Continue with 1 of your 1st year subjects as a Major/Minor, Double Major or Minor</td>
<td>&gt; At least 50 credits of Geography in each of 2nd and final year</td>
<td></td>
</tr>
<tr>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
<td>&gt; To enter the Single Major students must normally achieve at least 60% in their 1st year Geography examinations</td>
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</tr>
<tr>
<td>Exams/Study Abroad option after 2nd year</td>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
<td>Exams/Study Abroad option after 2nd year</td>
</tr>
</tbody>
</table>

**For MH101 subject groups table go to p. 43**

**Options after graduation?**

> Geography students develop globally-relevant career skills which are attractive to employers throughout the public, private and voluntary sectors.

> Graduates can be found working in 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 and conservation agencies, to name but a few.

> Many students catch the research bug and decide to remain at university to pursue higher degrees, which offer greater research opportunities.
German (group 1 subject)

Minimum entry requirements: To study German at non-beginner level requires H5 Leaving Certificate German (H4 from 2020). Beginners: no minimum German requirement. For full details see p. 40.

If taking up German as a beginner it is advisable to attend all lectures from the first week of term.

As a student of German, you will have a twin focus on language and culture alongside elective modules in Film, Linguistics, Business German, Translation and many more options.

Through these modules and with supporting material such as film, television, online resources and outings to cultural events, you will aim to become a fluent user of German by developing strong abilities in speaking and writing.

If you’re a beginner, you take German as a double subject and fast-track your progress!

In learning about the way people live, think and interact in the German-speaking countries through engagement with history, literature, linguistics, politics and culture, you will be assisted in developing your analytical abilities as well as your capacity to acquire new knowledge independently, to exchange ideas and to process information – all valuable skills for the employment market.

As part of this programme, you will also have the opportunity to spend a year studying at a German speaking university or working as a language teacher in a German-speaking country. Either of these options will greatly enhance your CV as well as your understanding of German.

The Department of German has Erasmus links with over twenty universities in Germany and Austria, and it also facilitates students who would like to spend a year teaching in Germany.

Every student will have the opportunity spend a year in a German speaking country as an Erasmus student, Language Assistant, or Erasmus intern. Final year courses are pitched at a high level, since lecturers assume that students will have availed of the opportunity to spend the full year abroad.

Students interested in teaching German should note that the Teaching Council of Ireland require all registered teachers of German to have spent a minimum of two months living in a German-speaking country. The Maynooth University School of Modern Languages, Literatures and Cultures advise at least a three-month residency.

Options after graduation?

Language skills have been identified by the government as being among the most sought-after key skills for the Irish economy. Many of the world’s largest firms with major operations in Ireland (Google, Facebook, Twitter, eBay, Hewlett Packard, PayPal, Allianz, SAP etc.) regularly recruit language graduates to work in all sectors of their operations.

German is currently the most sought after language on the Irish labour market and there are currently over 1,200 positions open to graduates with strong German proficiency and intercultural skills.

In addition to multinational firms, other organisations continue to require significant numbers of graduates with strong language skills to work 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.

Some graduates opt to go on to postgraduate study, and our students have been successful in securing funding to study at Masters and PhD levels. We welcome enquiries from students who wish to pursue postgraduate study in areas such as Applied Linguistics, Foreign Language Education, German Literature and Culture, Cultural Memory, Contemporary Women’s Writing, Travel Literature, Migration and Exile.

You might also like

Chinese Studies p. 54

French p. 68

Ghaeilge p. 70

Spanish p. 112

If you are interested in developing your interest in German at postgraduate level, we offer the following courses:

- Higher Certificate in German Literature
- M.Litt. (Research)
- MA in German
- MA in Modern Languages, Literature and Culture: Narratives of Conflict
- PhD in German

German is also available in

MH401 IFE: BA International Finance and Economics p. 131
MH502 LWD: BCL (Law and Arts) p. 148

Contact us

Maynooth University German Studies, Arts Building

Tel: +353 1 708 3419

german.department@mu.ie

www.maynoothuniversity.ie/german

“Studying German at Maynooth University honestly changed my life. The only word I knew when my studies began was "Hallo". Now I am completely fluent in the language. In the third year of my studies I went to Göttingen, Germany, to teach English, and I decided to stay on to do an Erasmus year. The opportunities that are open to you as a learner of a foreign language are endless. I would very highly recommend German at Maynooth University to anyone. Thanks to the Bachelor programme and great support of the staff, I have been able to carve out a very bright future for myself.”

THOMAS CHAMBERS, GRADUATE
Greek (group 2 subject)

For full details of MH101 minimum entry requirements see p. 40.

> If you would like to immerse yourself in the ancient languages, you can study Greek as a subject in its own right, all the way up to degree level.

> In this programme you will study the ancient Greek language (beginners and non-beginners), and you will also be encouraged to read widely in the literature and culture of ancient Greece.

> In first year the emphasis is on language acquisition which means that, in your second and third years, you will be able to read in the original language, classical texts by literary giants such as Homer, Aristophanes and Plato.

Why choose this subject?

> Greek at Maynooth goes all the way back to the foundation of the first college here in 1795, and remains central to the Arts and Humanities.

> The language is available at beginner and non-beginner levels and the subject can be combined with one or both of Latin or Greek and Roman Civilization as part of the Single Major BA degree in Classics, either from the start of first year or else at the start of second year.

> The Department retains an excellent reputation for both teaching and research, and its small size means that each student is able to get as much individual attention as they need. Many of our first year students decide to continue their studies with us in their second and third years.

> If you would like to immerse yourself in the ancient languages, you can study Greek as a subject in its own right, all the way up to degree level.

> In this programme you will study the ancient Greek language (beginners and non-beginners), and you will also be encouraged to read widely in the literature and culture of ancient Greece.

> In first year the emphasis is on language acquisition which means that, in your second and third years, you will be able to read in the original language, classical texts by literary giants such as Homer, Aristophanes and Plato.

Course structure

1st year

BA Bachelor of Arts – Greek –
Double Major, Major/Minor or as a Minor
Greek and another subject to degree level.
Greek (language) is available at beginner and non-beginner levels
15 credits of Greek
Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43).

For MH101 subject groups table go to p. 43

Possible topics

1st year

> An Introduction to Ancient Greek

2nd year

> Euripides, Medea
> Lysias, Speeches, 1, 12
> Homer, Odyssey, Book 19-20
> Herodotus, Histories, Book 1

Final year

> Aristophanes, Frogs
> Plato, Symposium
> Xenophon, Anabasis
> Longus, Daphnis and Chloe

Options after graduation?

> Employers increasingly want graduates to be flexible, creative, independent thinkers, open-minded, articulate and critically aware; precisely the qualities you will develop in studying Ancient Greek. Skills such as these do not go out of fashion. As a result, Greek language graduates have gone on to pursue successful careers in education, journalism, law, politics, publishing and business.

> Postgraduate study may be possible through our two-year MA in Classics, our one-year MA in Classical Studies or our one-year MA in Ancient, Medieval and Renaissance Thought. A PhD programme is available for suitably qualified candidates.

Greek is also available in

MH105: Media Studies p. 121

Contact us

Maynooth University Department of Ancient Classics,
Arts Building
+ 353 1 708 3316
classics@mu.ie
www.maynoothuniversity.ie/ancient-classics

You might also like

Greek and Roman Civilization p. 80
Medieval Celtic Studies p. 96
Greek and Roman Civilization (group 6 subject)
For full details of MH101 minimum entry requirements see p. 40.

> Our popular course in Greek and Roman Civilization is taught entirely through English, and requires no previous knowledge of the subject.
> Greek and Roman Civilization is the study of two of the most influential periods in human history through their history, literature, art, archaeology, mythology and philosophy.
> In Greek and Roman Civilization, students are introduced to the ancient world through the myths of the ancient Greeks and the fall of the Roman Republic, exploring the epic poetry of Homer, Greek tragedy, the fundamentals of Greek philosophy and the place of women in the ancient world, the career of Alexander the Great, the ancient novel, Roman slavery, and ancient anthropology.

Why choose this subject?
> Greek and Roman Civilization at Maynooth goes all the way back to the foundation of the first college here in 1795, and is still central to the Arts and Humanities.
> The Department has an excellent reputation for both teaching and research, and its small size means that each student is able to get as much individual attention as they need. Many of our first year students decide to continue their studies with us in their second and third years.
> All texts are studied through English translations. No previous knowledge of the subject is required. Students will acquire the essential skills of critical thought and analysis, learning to develop and express their own ideas on these rich and varied topics.

Options after graduation?
> Classics is a subject taught increasingly in schools. Recent Classics graduates have pursued teaching at first, second and third level. In our fast-changing world, it is less commonplace for degrees to link in to specific professions.
> Employers increasingly want graduates to be flexible, creative, independent thinkers, open-minded, articulate and critically aware; precisely the qualities you will develop in studying Classics. Skills such as these do not go out of fashion. As a result, Classics graduates have gone on to pursue successful careers in education, journalism, law, politics, publishing and business.
> Postgraduate study may be possible through our two-year MA in Classics, our one-year MA in Classical Studies or our one-year MA in Ancient, Medieval and Renaissance Thought. A PhD programme is available for suitably qualified candidates.

Greek and Roman Civilization is also available in
MH10b: Media Studies p. 121

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Greek and Roman Civilization – Double Major or as a Minor</td>
</tr>
<tr>
<td>Greek and Roman Civilization and another subject to degree level.</td>
</tr>
<tr>
<td>- 15 credits of Greek and Roman Civilization</td>
</tr>
<tr>
<td>- Choose up to 2 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd &amp; Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greek and Roman Civilization as a Double Major or as a Minor</td>
</tr>
<tr>
<td>Continue with 1 of your 1st year subjects</td>
</tr>
<tr>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
<tr>
<td>Erasmus/Study Abroad option after 2nd year</td>
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</tbody>
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<thead>
<tr>
<th>Or</th>
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</thead>
<tbody>
<tr>
<td>BA Classics</td>
</tr>
<tr>
<td>Students who take all 2 subjects from Greek and Roman Civilization, Latin and Greek in 1st year may proceed to a degree in Classics</td>
</tr>
<tr>
<td>Students who take Greek and Roman Civilization only in 1st year and who achieve 60% may commence the study of Latin or Greek in 2nd year as part of a degree in Classics</td>
</tr>
<tr>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
<tr>
<td>Erasmus/Study Abroad option after 2nd year</td>
</tr>
</tbody>
</table>

For MH101 subject groups table go to p. 43

Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
</tr>
</thead>
<tbody>
<tr>
<td>An Introduction to Greek and Roman Civilization I: Gods and Heroes; From Myth to History</td>
</tr>
<tr>
<td>An Introduction to Greek and Roman Civilization II: Making Rome; Culture, Politics and Society in the Roman Republic</td>
</tr>
<tr>
<td>Greek Tragedy</td>
</tr>
<tr>
<td>Greek Mythology: Homer, Odysse, and the Trojan War</td>
</tr>
<tr>
<td>Power and the People in Imperial Rome</td>
</tr>
<tr>
<td>Thucydides, Aristophanes, and the Peloponnesian War</td>
</tr>
<tr>
<td>Women in Greece and Rome</td>
</tr>
<tr>
<td>Greek Philosophy: Socrates, Plato, Aristotle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greek Tragedy</td>
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<td>Women in Greece and Rome</td>
</tr>
<tr>
<td>Greek Philosophy: Socrates, Plato, Aristotle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Aeneid and the Story of Roman Epic</td>
</tr>
<tr>
<td>Faust: From Heaven, The Rise of Macedon and Alexander the Great</td>
</tr>
<tr>
<td>Strange Creatures: Anthropology in Antiquity</td>
</tr>
<tr>
<td>The Greek Novel</td>
</tr>
<tr>
<td>Roman Slavery in Theory and Practice</td>
</tr>
</tbody>
</table>
History is the examination of human experience over time. It attempts to understand and explain the origins and evolution of the societies we live in.

It also explores the complex processes of social change, the choice of one set of political or ethical values over another, the context in which radical ideas arose, and much more.

The written word is but one way of gathering information about the past and new technology and research approaches allow for the study of history to take place through a myriad other mediums.

### Course structure

#### 1st year
- BA Bachelor of Arts – History – Single Major, Double Major, Major/Minor or as a Minor
- History and 1 other subject to degree level
- Choose up to 3 other subjects
- Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43)

#### 2nd year
- 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. 13 for details)
- Erasmus/Study Abroad option after 2nd year

#### 2nd & Final 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. 13 for details)
- Erasmus/Study Abroad option after 2nd year

### Possible topics

#### 1st year
- Introduction to medieval history: Vikings and Normans
- Making the modern world: Themes in history for example, Imperial Expansion, Globalisation, Revolution, Reform, or Industrialisation

#### 2nd year
- Europe in the Early Modern World
- Picturing the Renaissance
- Settlement and Society in Ireland
- Revolution in Ireland

#### Final year
- The Irish Country House
- American History
- The Holy Roman Empire
- The Irish Diaspora in the early modern period
- Health and medicine: a history

### Options 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!
- Postgraduate courses we currently offer include:
  - MA in European History
  - MA in Historical Archives
  - MA in Military History and Strategic Studies

### History is also available in

- MH10b: BA Media Studies p. 121
- MH502 LWD: BCL (Law and Arts) p. 148

### Why choose this subject?

- The Department’s long-standing reputation for excellence and leadership in historical scholarship both in Ireland and internationally is one reason for the popularity of History at Maynooth.
- We have also 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 the history of emotions, heretics tried by the Spanish Inquisition and the Vikings in Ireland and Scandinavia.
- In addition to acquiring knowledge and an understanding of our past, our students develop intellectual adaptability, a capacity for critical assessment of complicated issues and personalities, and an ability to evaluate conflicting interpretations.

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- MH10b: BA Media Studies p. 121
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### History is also available in

- MH10b: BA Media Studies p. 121
- MH502 LWD: BCL (Law and Arts) p. 148

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- In addition to acquiring knowledge and an understanding of our past, our students develop intellectual adaptability, a capacity for critical assessment of complicated issues and personalities, and an ability to evaluate conflicting interpretations.
Why choose this subject?

> Gain an understanding of development activism and how development can be planned, organised and managed to meet the needs of all, especially the most marginalised communities around the world.

> International Development looks at the development challenges and opportunities confronting people and societies living in the Global South (including Africa, Asia and Latin America), while addressing the myriad of global challenges associated with sustainable development for the planet as a whole.

> As a student of International Development in the Bachelor of Arts degree you will explore issues such as globalisation, climate change, food security, poverty, conflict, disasters and other humanitarian emergencies, human rights, health, education, gender, inequality and empowerment, from an international development perspective.

International Development (group 3 subject)

For full details of MH101 minimum entry requirements see p. 40.

> International development staff research focuses on media and other representations in development, climate change adaptation and demographic transitions.

Options 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 up opportunities to begin a career in the international development sector.

> Graduates may also find employment in the development education sector in Ireland, and with international aid agencies and civil society organisations both in Ireland and overseas, especially those focused in the countries of the Global South.

Postgraduate study options may include:

> MA in International Development, accredited by Maynooth University.

> MA in Anthropology and Development (in conjunction with Irish NGOs Trócaire, Concern and GOAL).

> MA in Community & Youth Work (professionally-endorsed qualification in Community & Youth Work).

> MA in Peacebuilding, Security and Development Practice (offered by the Maynooth University Edward M. Kennedy Institute for Conflict Intervention).

International Development is also available in

MH109: BA Media Studies p. 121
MH502 LWD: BCL (Law and Arts) p. 148

Contact us
Maynooth University International Development Programme, Rowan House
+353 1 708 4626
intdevstudies@mu.ie
www.maynoothuniversity.ie/international-development

“The focus of the course was not just theoretical. I liked the fact that there was also strong emphasis on developing skills like communication and working in groups. Across all the modules, whether they were related to understanding the role of multilateral institutions and civil society or examining the best approach to work with people in development situations, there was a core set of values like inclusiveness, solidarity and respect which all underpin the staff’s commitment to inclusive and sustainable people-centred development.”

WILLIAM McCOURT, GRADUATE

You might also like
Anthropology p. 46
Community and Youth Work p. 122
Geography p. 74
In first year the emphasis is on language acquisition, which means that in second and third year you will be able to read, in the original language, classical texts by literary giants such as Cicero, Ovid and Virgil.

If you would like to immerse yourself in the ancient languages, you can study Latin as a subject in its own right, all the way up to degree level and in this programme you will not only study the Latin language, but will also be encouraged to read widely in the literature and culture of ancient Rome.

The focus throughout the course is therefore not only on the language but on acquiring critical skills and a broader knowledge of the ancient Roman world, its literature, schools of thought and ways of life. This course is intended for beginners, and no previous knowledge of the subject is required.

Why choose this subject?

- Latin at Maynooth goes all the way back to the foundation of the first college here in 1795, and is still central to the Arts and Humanities.
- Latin (language) is available at beginner and non-beginner levels and may be combined with one or both of Greek or Greek and Roman Civilization as part of the Single Major BA degree in Classics, either from the start of first year or in second year.
- The Department has an excellent reputation for both teaching and research, and its small size means that each student is able to get as much individual attention as they need. Many of our first year students decide to continue their studies with us in their second and third years.

Options after graduation?

- Classics is a subject taught increasingly in schools. Recent Classics graduates have pursued teaching at first, second and third level. In our fast-changing world, it is less commonplace for degrees to link in to specific professions.
- Employers increasingly want graduates to be flexible, creative, independent thinkers, open-minded, articulate and critically aware; precisely the qualities you will develop in studying Latin. Skills such as these do not go out of fashion. As a result, Latin graduates have gone on to pursue successful careers in education, journalism, law, politics, publishing and business.

For full details of MH101 minimum entry requirements see p. 40.
Why choose this subject?

> Flexibility and choice: students who successfully complete their first year law modules have the option of transferring to one of our specialised Law degrees (BCL or LLB).

> Tailor your degree to your interests while developing a broad skill set which is highly valued by employers.

Options after graduation?

> Graduates of our LLB and BCL programmes will be in a position to immediately enter professional training, either by sitting the Law Society of Ireland’s FE1 examinations for entry to the solicitors’ profession or the Honorable Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.

> Studying law also opens up a whole range of career options outside of being a lawyer such as 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 Department of Law offers a wide range of postgraduate study options from Criminology to International Business Law.

Law is also available in

MH501: Law (LLB) p. 144
MH502 LWA: BCL (Law and Accounting) p. 145
MH502 LWB: BCL (Law and Business) p. 146
MH502 LWC: BCL (Law and Criminology) p. 147
MH502 LWD: BCL (Law and Arts) p. 148

Contact us
Maynooth University Department of Law, New House
Tel: +353 1 474 7865
law.department@mu.ie
www.maynoothuniversity.ie/law
Follow us on Twitter, Facebook, Instagram and LinkedIn

LIZ GRACE AND TARA DOYLE OF MATHEISON, PICTURED WITH WAYNE FLANAGAN AND PROFESSOR MICHAEL DOHERTY OF MAYNOOTH UNIVERSITY LAW DEPARTMENT

“I chose Law in the Bachelor of Arts degree as I liked the flexibility it offered. At the end of first year I was eligible to transfer into the LLB programme, which I did. Students have lots of opportunities to improve legal knowledge and skills outside of their lectures and I recommend getting involved. I was involved in FLAC (Free Legal Advice Centre), ELSA (European Law Students’ Association) and Maynooth Law Society. I also took part in many moot court competitions. I was selected for an internship in the Four Courts where I worked with Mr Justice MacMenamin of the Supreme Court. I was also selected for a work placement year, working with one of Ireland’s leading corporate law firms, William Fry and at the end of this internship I was offered a traineeship there.”

REBECCA REID, GRADUATE

You might also like
Criminology p. 58
Economics p. 60
Politics p. 106
Psychological Studies p. 108

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

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Law (group 1 subject)

For full details of MH101 minimum entry requirements see p. 40.

> Choosing Law is ideal for people who want to experience it in their first year as part of a 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 up to 34 subject areas.

At the end of second year, students of the BCL Law degrees (BCL or LLB).

Flexibility and choice: students who successfully complete their first year law modules have the option of transferring to one of our specialised Law degrees (BCL or LLB).

At the end of second year, students of the BCL and LLB degrees may apply to complete a work placement year in law firm (subject to availability).

All Law students may apply to complete a year studying abroad at one of our partner institutions.

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

Course structure

1st 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
- Plus choose up to 3 other subjects including Critical Skills from the groups available (maximum 1 subject per group – see groups table p. 43)

2nd & Final year

- Continue with Law as a Double Major or as a Minor in the BA degree
- Students who attain 40% or higher in Law in 1st year may apply to transfer into 2nd year of the BCL, (Law and Arts) programme or the 4 year LLB Law degree. Students who have taken Accounting, Business or Criminology may apply to transfer to 2nd year of the BCL Law degree. Business and Criminology respectively. Only BCL and LLB graduates are recognised by the King’s Inns as eligible to sit their entrance examination for entry to the barristers’ profession.
- Optional 10 credit Elective in 2nd year (see p. 13 for details)

Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

Possible topics

1st 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

2nd year

- The laws relating to evidence, and how it is used in the courtroom
- The laws relating to business and companies
- EU and international law

Final year

- The laws relating to the family, property, and privacy
- International law and justice
- The theory of laws and legal systems

For full details of MH101 minimum entry requirements see p. 40.
Mathematical Physics (group 6 subject)


> 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.

Course structure

1st 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 including Critical Skills from the groups available (maximum 1 subject per group – see p. 43 for compatible subjects)

2nd & Final year
> 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 (80% required in 1st year Mathematical Physics to take this option)
> Optional 10 credit Elective in 2nd year (see p. 13 for details)

Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

Possible topics

1st year
> Space-time
> Force
> Newton’s laws
> Quantum physics
> Einstein’s special theory of relativity
> Angular momentum
> Conservation laws

2nd year
> Electricity and magnetism
> Vibrations and waves
> Vector calculus
> Mechanics of Lagrange and Hamilton
> Special theory of relativity
> Computational physics
> Thermal physics

Final year
> Quantum mechanics
> Statistical physics
> Particle physics
> Astrophysics and cosmology
> General relativity
> Quantum information science

Why choose this subject?

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

Options 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.

Current postgraduate study options in the Department include:
> MSc in Mathematical Science
> MSc in Mathematical Physics (Research)

Mathematical Physics is also available in
MH101: BSc Bachelor of Science p. 158
MH104: BSc Physics with Astrophysics p. 173
MH206: BSc Theoretical Physics and Mathematics p. 174
MH212 MED: BSc Mathematics (with Education) p. 181

Contact us
Maynooth University Department of Theoretical Physics,
Science Building
+ 353 1 708 3774
jonivar@thphys.mu.ie
www.maynoothuniversity.ie/theoretical-physics

You might also like
Accounting p. 44
Economics p. 60
Mathematical Studies p. 92
Mathematics (Pure) p. 94

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
Mathematical Studies (group 3 subject)


For full details see p. 40.

> 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. 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.

Why choose this subject?

> 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.

> 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.

> 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.

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
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<tbody>
<tr>
<td>BA Bachelor of Arts Mathematical Studies - Double Major, Major/Minor or Minor</td>
</tr>
<tr>
<td>Mathematical Studies is taken with 2 or 3 other Arts subjects which may include Critical Skills in 1st year</td>
</tr>
<tr>
<td>See groups table on p. 43 for compatible subjects – group 3 not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd year</th>
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<tbody>
<tr>
<td>Double Major, Major/Minor or Minor</td>
</tr>
<tr>
<td>Mathematical Studies is taken with another Arts subject</td>
</tr>
<tr>
<td>Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
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<td>Enserma/Study Abroad option after 2nd year</td>
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<table>
<thead>
<tr>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Major, Major/Minor or Minor</td>
</tr>
<tr>
<td>Mathematical Studies is taken as a Major/Minor, Double Major or Minor with your 2nd year subject</td>
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<td>Enserma/Study Abroad option after 2nd year</td>
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</table>

For MH101 subject groups table go to p. 43

Possible topics

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<tbody>
<tr>
<td>Calculus</td>
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<tr>
<td>Statistics</td>
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<td>Linear Algebra</td>
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</tbody>
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<th>2nd year</th>
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<tbody>
<tr>
<td>Calculus</td>
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<td>Linear Algebra</td>
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<td>Differential Equations</td>
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<tr>
<td>Number Theory</td>
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<td>Analysis</td>
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<td>Groups</td>
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<td>Geometry</td>
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<td>Topological Graph Theory</td>
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<td>Mathematical Biology</td>
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<td>Various optional modules</td>
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<th>Final year</th>
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<tr>
<td>Analysis</td>
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<td>Groups</td>
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<td>Geometry</td>
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<tr>
<td>Mathematical Biology</td>
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<tr>
<td>Various optional modules</td>
</tr>
</tbody>
</table>

Options 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 options at Maynooth include:

> Milc or PhD in Mathematics or Statistics
> MA in Mathematics
> Milc in Data Science & Analytics
> Higher Diploma in Mathematics or Statistics
> Higher Diploma in Data Analytics

Mathematical Studies is also available in

MH109: BA Media Studies p. 121
MH602 LWD: BCL (Law and Arts) p. 148

Contact us

Maynooth University Department of Mathematics and Statistics, Logic House
+ 353 1 708 3914
mathsstats@mu.ie

www.maynoothuniversity.ie/mathematics-and-statistics

Find us on Twitter

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

On webchat

You might also like

Accounting p. 44
Business Subjects p. 48-53
Economics p. 60
Mathematics (Pure) p. 94
Statistics p. 114
Why choose this 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. 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.

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.

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.

Options after graduation?

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Mathematics (Pure) is also available in
MH108: BA Media Studies p. 121

Contact us
Maynooth University Department of Mathematics and Statistics, Logic House
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mathsstats@mu.ie
www.maynoothuniversity.ie/mathematics-and-statistics
Find us on Twitter

“...I started looking for a job during the summer before my final year. Before the Christmas exams I had secured a role in EY. I started working in EY the following September and after a few weeks of training and induction, I started working in the Non-Life Actuarial Department.”

MARK SHERIDAN, GRADUATE

Some optional modules

Differential Geometry
Number Theory
Group Theory
Topology

Options 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.

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MARK SHERIDAN, GRADUATE

Some optional modules

Differential Geometry
Number Theory
Group Theory
Topology

Medieval Celtic Studies (group 6 subject)
For full details of MH101 minimum entry requirements see p. 40.

Anyone with an interest in Irish history, archaeology, languages or literature will be captivated by this subject: from Cú Chulainn to Conmacnoise, from Brú na Bóinne to the Book of Kells, all aspects of Medieval Celtic Studies are explored.

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.

You can choose to study the Old and Middle Irish languages, engaging actively and in depth with the language in which the literature was written. See Old Irish and Celtic Languages on page 102.

Why choose this subject?

A leading centre for the study of Medieval Irish and Celtic Studies, the Department of Early Irish engages in teaching and research in the history, culture, language and literature of medieval Ireland and related societies. 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.

A diverse and friendly Department, we offer a vibrant and stimulating experience for students. On the research front, the Department has recently received a prestigious grant from the European Research Council to support research in the area of Early Medieval Irish literature and language.

The Department has also been the beneficiary of an Irish Research Council Laureate Award for frontier research on the history of medicine in medieval Ireland.

Options 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 and Irish language publishing.

There is also the option for further study and graduates can also take advanced degrees after the undergraduate programme. The Department offers several postgraduate options currently including:

- MA Medieval Irish Studies/M.Litt. (Research) Medieval Irish Studies
- PhD Medieval Irish Studies

Medieval Celtic Studies is also available in

MH502 LWD: BCL (Law and Arts) p. 148

Contact us
Maynooth University Department of Early Irish (Sean-Ghaeilge), Arts Building
+ 353 1 708 3666 earlyirish@mu.ie www.maynoothuniversity.ie/early-irish-sean-ghaeilge

You might also like

You might also like

English p. 62
History p. 82
Nua-Ghaeilge p. 70
Old Irish and Celtic Languages p. 102

www.maynoothuniversity.ie/level8
Music (group 5 subject)

Minimum entry requirements: To study Music you need Leaving Certificate H5 Music or equivalent. For full details see p. 40.

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 (link below). 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 DIT or RIAM.

> Exciting and varied programme of practical, compositional and academic work.
> Students participate in ensembles such as the Chamber Choir, Maynooth University Orchestra and Traditional Music Ensemble.
> In your third year, you have the option to specialise in performance, composition or musicology. Some of the modules available include 'Jazz Styles in the USA,' 'Music and Entrepreneurship,' 'Opera in Context' and 'Music and Identity'.
> For those considering teaching Music at second level, the Teaching Council requirements are met by studying Music in the MH101 degree.

Why choose this subject?
> Studying Music at Maynooth, Ireland's largest music university department, offers unparalleled choice and expertise, from performance to computer programming, from ancient traditions to contemporary experience, from high art to heavy metal.
> 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 really interest you the most in your final year.
> Performance, composition, music history (musicology including pop/rock) and the music of other cultures (ethnomusicology) are just a selection of different areas of music you will study in the Music programme.

Options 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.

Postgraduate study options in Maynooth currently include:
> MA in Composition/MA in Creative Music Technologies
> MA in Musicology
> MA in Performance and Musicology
> MA in Irish Traditional Music
Music Technology (group 4 subject)
Recommended minimum 05/H7 Leaving Certificate Mathematics. For full details see p. 40.

A unique opportunity to combine Music Technology with Music, Computer Science and a wide range of other disciplines.

> 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, including recording and sound engineering, computer music programming, sound design, composition, acoustics and psychoacoustics.

Why choose this subject?

> Music Technology at Maynooth gives you access to teaching staff with unparalleled expertise and experience.

> Studying Music Technology offers an opportunity to develop and combine your creative and technical abilities.

> 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; field recording resources.

Options 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, music journalism.

> For graduates who wish to continue their studies, we offer the following postgraduate course: MA in Creative Music Technologies.

Course structure

**1st year**
- Music Technology and up to 3 other subjects including Critical Skills – see p. 43 for compatible subjects - excluding subjects from group 4

**2nd & Final year**
- 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. 13 for details)
- Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

Possible topics

**1st year**
- Acoustics and Psychoacoustics
- Digital Audio Workstations
- Listening Skills

**2nd year**
- Music Software Programming
- Sound Design
- Studio Recording Techniques

**Final year**
- Mixing
- Electroacoustic Composition
- Music Application Development

Recommended minimum 03/H7 Leaving Certificate Mathematics. For full details see p. 40.
Old Irish and Celtic Languages (group 6 subject)

For full details of MH101 minimum entry requirements see p. 40.

> Bringing the ancient language of Ireland to life again, this subject explores all aspects of Old Irish and the Celtic Languages.

> Medieval Ireland produced the widest range, and greatest quantity, of literature in its own language of any culture in early medieval Europe. Old Irish is a challenging but truly fascinating language that opens a gateway to the deeper understanding of the immensely rich medieval Irish literary tradition.

> It offers exciting possibilities for innovative research within the context of other Celtic languages, thus making important contributions to the study of the universal properties of languages.

**Course structure**

**1st year**
- BA Bachelor of Arts – Old Irish and Celtic Languages – Double Major, Major/Minor or as a Minor
- Old Irish and Celtic Languages and 1 other subject to degree level.
- Take 15 credits of Old Irish and Celtic Languages
- Choose up to 5 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43)

**2nd & Final year**
- Continue with Old Irish and Celtic Languages and 1 other 1st year subject as a Double Major, Major/Minor or as a Minor
- 3rd and 3rd year optional language modules are available subject to a minimum level of uptake
- Optional 10 credit Elective in 3rd year (see p. 13 for details)
- Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 43

**Possible topics**

**1st year**
- Intensive Old Irish

**2nd year**
- Old Irish Language
- Literature
- Middle Welsh

**Final year**
- Old Irish Language
- Literature
- Middle Welsh
- Middle Welsh/Breton

**Why choose this subject?**

> In this language-intensive programme, students will have the opportunity to engage in three years of dedicated study of the Old Irish language and its literature, as well as making first steps into British-Celtic languages such as Middle Welsh or Modern Breton.

> For students who want to explore the entire history of the Irish language from its earliest beginnings until today, this programme combines itself ideally with Modern Irish.

> Alternatively, together with Latin or Greek, students of this programme can gain fascinating insights into linguistics and language structure. This programme is offered in a university environment that is at the forefront of global research into Old Irish.

> Students are intensively trained in analytic skills in language and textual philology. Graduates will be particularly well qualified for jobs in Irish language-related areas and in academic research.

**Options after graduation?**

> Through your studies you’ll develop a combination of analytical skills in linguistics and literature – useful assets for critical thinking in a variety of careers. Graduates of Old Irish and Celtic Languages have careers in academic research and teaching, education, civil service, library work and Irish language publishing.

**Full degree and module detail on our Course Finder** [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8)

**Contact us**

Maynooth University Department of Early Irish (Sean-Ghaeilge), Arts Building
+ 353 1 708 3666
earlyirish@mu.ie
[www.maynoothuniversity.ie/early-irish-sean-ghaeilge](http://www.maynoothuniversity.ie/early-irish-sean-ghaeilge)

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

■ The Department offers several postgraduate options currently including:
- MA Medieval Irish Studies/M.Litt. (Research) Medieval Irish Studies
- PhD Medieval Irish Studies

Old Irish and Celtic Languages is also available with
MH502 LWD: BCL (Law and Arts) p. 148

**During my degree the Maynooth campus became a home. I had an enriching educational experience and was enthusiastic about continuing to PhD level in my discipline.**

MARK LOUTH, GRADUATE

You might also like
- History p. 82
- Medieval Celtic Studies p. 96
- Nua-Ghaeilge p. 70
Philosophy (group 1 subject)

For full details of MH101 minimum entry requirements see p. 40.

> ‘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: What is happiness? What is love? Is there a god? What is the meaning of it all?

> 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.

> 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.

> Philosophy is not the most practical of subjects. Yet every society needs philosophers—people who do not just live, love, work, raise children etc; but who seek answers to the question why.

> We also offer the opportunity to study three Arts subjects to degree level - Philosophy, Politics and Economics. This second and final year pathway is ideal for students who wish to gain a rich, empirically-based understanding of the challenges posed by globalisation and a globalised economy, political volatility and democracy.

### Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; Final year</th>
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</thead>
<tbody>
<tr>
<td>BA Bachelor of Arts – Philosophy</td>
<td>- Double Major, Major/Minor or as a Minor Philosophy and 1 other subject to degree level</td>
</tr>
<tr>
<td>- Take 15 credits of Philosophy</td>
<td>- Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group)</td>
</tr>
<tr>
<td>- Continue with Philosophy as a Double Major, Major/Minor or as a Minor and 1 other 1st year subject</td>
<td>- Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
<tr>
<td>Exams/Study Abroad option after 2nd year</td>
<td>- Philosophy in the Bachelor of Arts in Philosophy, Politics and Economics</td>
</tr>
<tr>
<td>1st year Philosophy in the Bachelor of Arts in Philosophy, Politics and Economics</td>
<td>- Study all 3 subjects – Philosophy, Politics and Economics</td>
</tr>
<tr>
<td>- Choose 1 other Arts subject including Critical Skills from the groups available - see table p. 43</td>
<td>- Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
<tr>
<td>- This is only available to students taking 2 subjects from 2nd year in the PPE stream</td>
<td>- Exams/Study Abroad option after 2nd year</td>
</tr>
</tbody>
</table>

For MH101 subject groups table go to p. 43

### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd</th>
<th>Final year</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Philosophy: General</td>
<td>Introduction to Ancient Greek Philosophy</td>
<td>Modern Philosophy</td>
</tr>
<tr>
<td>Introduction to Philosophy and Introduction to Key Themes in Moral and Political Philosophy</td>
<td>Women Philosophers</td>
<td>- Phenomenology and Continental Philosophy</td>
</tr>
<tr>
<td>Introduction to Philosophy of God, Reason, Science and Religion and Introduction to Logic</td>
<td>Irish Philosophers and Philosophy</td>
<td>- Spinoza</td>
</tr>
<tr>
<td>- Modern Philosophy</td>
<td>- American Philosophy</td>
<td>- Towards a Philosophy of Toleration</td>
</tr>
<tr>
<td>- Women Philosophers</td>
<td>- Contemporary Philosophy</td>
<td>- Enlightenment and the Critique of Religion</td>
</tr>
<tr>
<td>- Irish Philosophers and Philosophy</td>
<td>- Religious and the Critique of Religion</td>
<td>- Renaissance Philosophy</td>
</tr>
<tr>
<td>- Theories of Knowledge (Epistemology)</td>
<td>- Methods and Practices</td>
<td>- History and the Critique of Religion</td>
</tr>
<tr>
<td>- Moral Philosophy in a Globalised Society</td>
<td>- Philosophy of Art and the Critique of Religion</td>
<td>- Renaissance Philosophy</td>
</tr>
<tr>
<td>- Medieval Philosophy</td>
<td>- Anthropological Concepts in Philosophy</td>
<td>- Methods and Practices</td>
</tr>
<tr>
<td>- Anthropological Concepts in Philosophy</td>
<td>Philosophy of Nature Sciences</td>
<td>Philosophy of Natural Sciences</td>
</tr>
</tbody>
</table>

### Why choose this subject?

> A philosophy degree is not a qualification for any particular career; rather, one studies philosophy to lead an ‘examined life’, as Socrates put it. Studying philosophy is an investment in one’s life. Economics

> This having been said, the expertise gained in philosophy is of great value in many different areas. Philosophy graduates are valued for their quick intelligence, ability to reason deeply, clearly and independently, and for their ability to take an overview on the problem or situation confronting them.

> At Maynooth, philosophy can also be studied in conjunction with mathematics and computer science (BSc in Computational Thinking), and together with politics and economics (BA in Philosophy, Politics and Economics). These degree pathways bring philosophy to bear on some of the cutting-edge issues of contemporary society.

### Options after graduation?

There are many options for philosophy students after graduation. Some continue on to more advanced postgraduate degree programmes in philosophy; others seek further technical skills or professional qualifications which, coupled with their undergraduate training in philosophy, make them very attractive perspective employees to a variety of employers. Philosophy is a good preparation for journalism, law, work in the media, for politics, and increasingly philosophy graduates are being hired by large corporations.

Some of the postgraduate options we currently offer include:

> MA in Philosophy
> MA in Philosophy of Religion
> MA in Medieval and Renaissance Philosophy
> MA in Modern and Contemporary Philosophy
> MA in Philosophy, Politics and Economics

### Philosophy is also available in

MH603: BSc Computational Thinking p. 188

### Contact us

Maynooth University Department of Philosophy, Arts Building

+353 1 708 3729
philosophy.department@mu.ie

www.maynoothuniversity.ie/philosophy

You might also like

History p. 82
Psychological Studies p. 108
Sociology p. 110
Politics (group 6 subject)
For full details of MH101 minimum entry requirements see p. 40.

In the Politics programme you will explore the way politics shapes our lives, the different forms that politics can take, and how politics is organised in different countries. The degree 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) with political sociology (examining the relationship between politics and society and how they shape each other).

Politics students do a placement with a focus on active citizenship, which provides "real world" experience of the issues raised in the teaching programme.

You will explore Irish and international politics, including a focus on Europe, and Latin America. You will also have an opportunity to carry out research into political life, developing analytical, communication and presentation skills.

We also offer the opportunity to study three Arts subjects to degree level - Philosophy, Politics and Economics. This 2nd and final year pathway is ideal for students who wish to gain a rich, empirically-based understanding of the challenges posed by globalisation and a globalised economy, political volatility and democracy.

Course structure

1st year
BA Bachelor of Arts – Politics (Double Major, Major/Minor or as a Minor)
- Politics and 1 other subject to degree level
- Take 15 credits of Politics
- Choose up to 3 other subjects including Critical Skills from the 5 group subjects table (maximum 1 subject per group – see groups table p. 43)
- Taking Sociology in Group 5
- with Politics provides a 30 credit Sociology-Politics double subject.

For MH101 subject groups table go to p. 43

2nd & Final year
- 1st year
- Politics in the Bachelor of Arts in Philosophy, Politics and Economics
- Study all 3 subjects – Philosophy, Politics and Economics

Or

1st year
- Politics in the Bachelor of Arts in Philosophy, Politics and Economics
- Study all 3 subjects – Philosophy, Politics and Economics
- Choose 1 other Arts subject including Critical Skills from the groups available

2nd & Final year
- From 2nd year you can continue PPE with a minimum of 10 credits in each subject, or specialise in Economics as a Single Major or switch to a Double Major BA degree, taking 3 subjects from Philosophy, Politics and Economics
- Optional 10 credit Elective in 2nd year (see p. 13 for details). This is only available to students taking 3 subjects from 2nd year in the PPE stream
- Erasmus/Study Abroad option after 2nd year

Possible topics

1st year
- Introduction to Political Institutions
- Introduction to Political Ideas
- Lectures are supplemented with a customised tutorial programme

2nd year
- Democracy and Citizenship
- Research Methods
- Politics Placement
- Society and State
- Optional modules include Politics in Crisis, Politics of the EU, Latin American Studies, Africa Studies, International Relations

Final year
- International/Public Policy
- Gender and Politics
- Ethnic Conflicts, Revolutions
- Final year students produce a BA research project. For examples please see our website

Why choose this subject?

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

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

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).

The Network on Power, Politics and Society (PPS) and the Maynooth University Centre for European and Eurasian Studies (MUCEES) are both important parts of the MU Politics programme.

Options after graduation?

Politics students acquire useful skills such as the ability to understand topical issues, investigative and research capabilities, and strong communication skills – all of which open up a wide variety of career options. 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.

Postgraduate options currently include:
- MA in Philosophy, Politics and Economics (PPE)
- MA in Sociology (Societies in Transition)
- MA in Sociology (Internet & Society)

Politics is also available in
MH502 LWD: BCL (Law and Arts) p. 148

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

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Postgraduate options currently include:
- MA in Philosophy, Politics and Economics (PPE)
- MA in Sociology (Societies in Transition)
- MA in Sociology (Internet & Society)

Politics is also available in
MH502 LWD: BCL (Law and Arts) p. 148

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8

Contact us

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+353 1 708 3659
sociology.department@mu.ie
www.maynoothuniversity.ie/sociology/politics
Find us on Twitter @MU_Sociology

"I returned to education in 2010 to study Politics and Philosophy at Maynooth. This decision was guided by my interest in equality and social activism with the aspiration to learn what I considered useful knowledge for achieving social justice. I found a welcoming atmosphere conducive to learning in the Department of Sociology. The Department’s emphasis on developing your own research and theoretical understanding is enhanced through the small class sizes in the Politics programme, which allowed me to develop my own interests in the struggle for social change."

PHILIP FINN, GRADUATE

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PHILIP FINN, GRADUATE
Psychological Studies (group 6 subject)

For full details of MH101 minimum entry requirements see p. 40.

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.

Unlike MH106 and MH209, Psychological Studies in MH101 will not lead to a professionally accredited degree, however Psychological Studies graduates may be eligible to apply for consideration to entry to a one-year postgraduate programme to achieve a professionally-accredited qualification in psychology (on a competitive basis - limited numbers).

Why choose this subject?

- Flexibility that allows you to study 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.
- Teaching will be delivered by leading researchers in Psychology involved in the cutting-edge of the discipline.
- You will develop key transferable skills and learn to think psychologically about the world around you.

For MH101 subject groups table go to p. 43

For full details of MH101 minimum entry requirements see p. 40.
Sociology (group 5 subject)

For full details of MH101 minimum entry requirements see p. 40.

> Sociology is the study of human social life, groups and societies. It is a discipline that teaches you to:
> - develop critical skills and powers of argumentation based on empirical evidence.
> - become a creative thinker and to think outside of the box.
> - engage in a constructive enterprise, oriented toward the promotion of equality and social justice.

> Sociology is a subject that opens your mind, that helps you to connect your 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.

**Course structure**

**1st 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
- Choose up to 3 other subjects or Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43).
Taking Politics in group 6 with Sociology provides a 30 credit Sociology-Politics double subject.

**Exam/Sudy Abroad option after 2nd year**

- 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. 13 for details)

**2nd & Final year**

For MH101 subject groups table go to p. 43

**Possible topics**

**1st year**

- Contemporary Irish Society
- The Sociological Imagination
- Changing Social Worlds and Sociology of Everyday Life
- Lectures are supplemented with a customised tutorial programme

**2nd year**

- Classical Social Theory
- Research Methods
- Structures of Inequality
- Optional modules include: Urban Sociology, Media and Society, Social Movements, Northern Irish Society

**Final year**

- Contemporary Social Theory
- Optional modules include: Technology and Culture, Family, Childhood, Tourism, Consumption, Crime and Society
- Final year students produce a BA research project - for samples please see our website

Why choose this subject?

> Our graduates often speak of studying Sociology as a “life changing” experience.

> The Sociology Department is widely acknowledged as a 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.

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

> 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).

Options 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 graduates have many, varied career options. Some 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.

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. Sociology graduates have many, varied career options. Some 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.

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Spanish (group 5 subject)
Minimum entry requirements: To study Spanish at non-beginner level requires Leaving Certificate H5 Spanish (H4 from 2020). Beginners: no minimum Spanish requirement. For full details see p. 40.
If taking up Spanish as a beginner it is advisable to attend all lectures from the first week of term.

> If you want to achieve a high level of competency in a modern European language, as well as learn about Spanish and Latin American culture and society more generally, studying Spanish as part of our BA degree is for you.

> 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. If you’re a beginner, you can take intensive language classes.

> 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 such as Linguistics, Spanish Literature and Cinema, Latin American Literature and Cinema, Catalan and Portuguese.

### Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd &amp; 3rd year</th>
</tr>
</thead>
</table>
| BA Bachelor of Arts – Spanish – Double Major or as a Minor Spanish and another subject to degree level, Spanish is available at beginner or advanced level | Spanish as a Double Major or as a Minor
Either 15 credits of Spanish (if you studied Spanish in school to H5) or 30 credits of Spanish (If you're a beginner)
Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 43) |

<table>
<thead>
<tr>
<th>2nd &amp; 3rd year</th>
<th>Erasmus/Study Abroad option after 2nd year</th>
</tr>
</thead>
</table>
| 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. 13 for details) |

For MH101 subject groups table go to p. 43

### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
</table>
| Language from beginner or Leaving Certificate level (equivalent) | Introduction to Spanish Literature
Latin American Short Story
Visual Worlds of Spain and Latin America |
| Language modules | Language modules | Spanish Literature
Latin American Literature |

<table>
<thead>
<tr>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linguistics</td>
<td>Linguistics and Translation</td>
</tr>
</tbody>
</table>
| Catalan or Portuguese | Students continue with their language modules
Continuing Catalan or Portuguese are also offered |

### Why choose this subject?

> Maynooth University’s dynamic Department of Spanish gives students a thorough grounding in the language while introducing them to Spanish as a world language and cornerstone of many vibrant cultures.

> Spanish is offered in a friendly, supportive environment at both beginner and non-beginner (post-Leaving Certificate, or equivalent) levels in first year.

> Students are expected to spend the third year of their BA studying in a University in Spain or Latin America, including the world-renowned Universities of Salamanca and Guadalajara, Mexico. This is a unique opportunity and a “life changing” experience, as a recent article in the Spanish newspaper El Pais (21st May 2017) cites it. 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 interested in teaching Spanish should note that the Teaching Council of Ireland require all registered teachers of Spanish to have spent a minimum of two months living in a Spanish-speaking country. The Maynooth University School of Modern Languages, Literatures and Cultures advise at least a three-month residency.

### Options 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.

> We currently offer postgraduate courses including: MA Spanish and Latin American Studies / MA Modern Languages, Literature and Culture: Narratives of Conflict – Spanish and we are pleased to see our students carrying on to doctoral level. We have an excellent team of specialists in Spanish and Latin-American cultures, Linguistics and Translation.
Statistics (group 6 subject)


> 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.

Why choose this subject?

> We offer Statistics as a Double Major subject which 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.

Course structure

1st 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)

2nd year
- 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. 13 for details)
- Erasmus/study Abroad option after 2nd year

3rd 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)
- Note: To enter into 2nd year Statistics, students require a mark of 55% or greater in 1st year Mathematical Studies or 40% or greater in Mathematics (Pure). First year statistics is not a prerequisite for 2nd year statistics but if 1st year statistics was taken, a mark of 40% or greater is required

For MH101 subject groups table go to p. 43

Possible topics

1st 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

2nd year
- Probability
- Data Visualisation
- Generalized Linear Models
- Time Series

Final year
- Options after graduation?
- Critical thinking, analysis and being able to adapt 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, we currently offer Masters or PhD in:
  - Statistics
  - Computing
  - Finance

Contact us
Maynooth University Department of Mathematics and Statistics,
Logic House
+353 1 708 3914
mathsstats@mu.ie
www.maynoothuniversity.ie/mathematics-and-statistics

You might also like
Computer Science p. 56
Data Science p. 175
Quantitative Finance p. 132

"I work as a modelling analyst for one of Ireland’s largest betting shops. I analyse the customers who play on the Casino, Bingo, Games and Poker channels. Using different statistical methods, I try to identify groups of customers who have similar playing habits so that the marketing teams can engage with these customers with offers that best suit them. I also try to predict which customers are going to be valuable and which customers are going to eventually stop playing. This allows the marketing teams to focus their efforts on engaging with the right kind of customer. Mathematics is crucial in my job. Every day I use at least one nugget of knowledge that I learned from the Statistics courses I sat for my undergraduate degree in Maynooth.”

DENISE EARLE, GRADUATE

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
“Studying Media Studies and Computer Science opens so many doors, from the people you meet, to the job opportunities, thanks to the wide range of skills you learn in both media and computer science. Along with taking up volleyball, this was my second year as PRO of the Games Society and I also enjoyed my time as VP of the Japanese society. I’m going on Study Abroad to Japan in September for a year, and hope to get a real taste of what living and working there might be like, as it’s where I aim to be in the future, once I graduate.”

RACHEL RALPH, STUDENT

MAYNOOTH UNIVERSITY SOCIAL SCIENCES INSTITUTE BRINGS TOGETHER RESEARCHERS FROM ACROSS SEVERAL DISCIPLINES. PROJECTS UNDERTAKEN BY OVER 300 RESEARCHERS IN THE INSTITUTE ARE GENERATING CUTTING EDGE RESEARCH FOR POLICY AND SOCIETY IN A WIDE RANGE OF AREAS.

HUMANITIES AND SOCIAL SCIENCES Specialised Degrees

<table>
<thead>
<tr>
<th>Code</th>
<th>Degree</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH103</td>
<td>BMus Bachelor of Music</td>
<td>118</td>
</tr>
<tr>
<td>MH106</td>
<td>BA Psychology</td>
<td>119</td>
</tr>
<tr>
<td>MH107</td>
<td>BScScSc Bachelor of Social Science</td>
<td>120</td>
</tr>
<tr>
<td>MH108</td>
<td>BSc Psychology</td>
<td>119</td>
</tr>
<tr>
<td>MH109</td>
<td>BA Media Studies</td>
<td>121</td>
</tr>
<tr>
<td>MH116</td>
<td>BScScSc Community and Youth Work (full-time)</td>
<td>122</td>
</tr>
<tr>
<td>MH305</td>
<td>BSc Product Design</td>
<td>123</td>
</tr>
<tr>
<td>MH802</td>
<td>BScScSc Community and Youth Work (part-time)</td>
<td>124</td>
</tr>
<tr>
<td>MH803</td>
<td>BSc BA Community Studies</td>
<td>125</td>
</tr>
<tr>
<td>MH803</td>
<td>BSc BA Local Studies</td>
<td>126</td>
</tr>
</tbody>
</table>
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 really interest you the most in your final year.

In your third year, you have the option to specialise in performance, composition or musicology. Some of the modules available include ‘Jazz Styles in the USA’, ‘Music and Entrepreneurship’, ‘Opera in Context’ and ‘Music and Identity’. Students also joinsembles such as the Chamber Choir, Maynooth University Orchestra and the Traditional Music Ensemble.

Why choose this degree?

> Develop your performance skills through individual tuition and take an active part in one of the Department’s vocal or instrumental ensembles.
>
> Develop your creative potential through studies of electroacoustic composition, Irish traditional music, ethnomusicology, jazz and popular music, music therapy, the classical repertoire.
>
> Develop your critical and analytical skills through modules in analysis, musicology, and music history.

Maynooth Education

Critical Skills Option | Electives Option
See p. 13 for details

You might also like

Music and Music Technology in Arts (MH101) p. 98-101

Course structure

<table>
<thead>
<tr>
<th>Year</th>
<th>Modules</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>45 credits of Music and Music Technology</td>
<td>Choose one subject or Critical Skills from the 4 subjects available (excluding groups 2 &amp; 5). See p. 45 for subject groups.</td>
</tr>
<tr>
<td>2nd &amp; Final year</td>
<td>Concentrate on Music only</td>
<td>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 Studies website for details.</td>
</tr>
<tr>
<td></td>
<td>Optional 10 credit Electives in 2nd year (see p. 13 for details)</td>
<td></td>
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</tbody>
</table>

Possible topics

<table>
<thead>
<tr>
<th>Year</th>
<th>Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>Performance (solo and ensemble)</td>
</tr>
<tr>
<td></td>
<td>Music theory andural skills</td>
</tr>
<tr>
<td>2nd year</td>
<td>Performance (solo and ensemble)</td>
</tr>
<tr>
<td></td>
<td>Music history and culture</td>
</tr>
<tr>
<td></td>
<td>Social research methods</td>
</tr>
<tr>
<td></td>
<td>Composition</td>
</tr>
<tr>
<td></td>
<td>Music technology</td>
</tr>
<tr>
<td>Final year</td>
<td>Performance (solo and ensemble)</td>
</tr>
<tr>
<td></td>
<td>Music and entrepreneurship</td>
</tr>
<tr>
<td></td>
<td>Music history, culture, theory and analysis</td>
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<tr>
<td></td>
<td>Final year project or performance</td>
</tr>
</tbody>
</table>

Options after graduation?

> Music teacher, choral director, church organist/director of music, music librarian, orchestral/sessional musician, composer/arranger.
> Arts administration, multimedia, music industry, music journalism, music publicity and recording, radio production and presentation.
> Management consultancy and information technology.
> Postgraduate courses currently offered by the Department include: MA in Composition, MA in Creative Music Technologies, MA in Musicology, MA in Performance and Musicology, MA in Irish Traditional Music.

As this is a restricted entry degree on the CAO, applicants must be able to demonstrate, at audition, a minimum of Grade 6 standard (ABRSM, RAIAM, Trinity College London) on a standard orchestral instrument (excluding percussion), piano, organ, classical guitar, voice or saxophone, or a minimum of Grade 6 standard (Rocheschool, 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. Prospective students must complete a short entrance test of general musicianship. The audition involves the performance of a short unaccompanied piece on your proposed instrument or voice. Please see further details on the Department of Music website (link below). Offers will be made to successful applicants in May, subject to students attaining matriculation requirements in the Leaving Certificate or equivalent examination.

Applicants who have a disability or specific learning difficulty (e.g. dyslexia) and who require examination support should see page 200 for more details.

Contact us

Maynooth University Department of Music, Logic House

+353 1 708 3733

music.department@mu.ie

www.maynoothuniversity.ie/music
Why choose this degree?
If you are interested in class, gender, religion, race, ethnicity, and how human societies are organised.
If you are considering a career as a professional social worker, and how human societies are organised. The Social Science programme emphasises the study of applied social science through the subject Social Policy. This subject, which can only be taken through the BSocSc degree, is concerned with critical analysis of policies and practices in relation to human welfare and well-being.

Possible topics
1st year
- Critical Skills for Social Science e.g. analysis, communication, research, and presentation.
- Applied Social Science e.g. Sociology (contemporary Irish society), Anthropology, and Psychology.

2nd year
- Critical Skills for Social Science e.g. analysis, communication, research, and presentation.

You might also like
- Anthropology
- Sociology
- Economics
- History
- Philosophy

Media Studies engages critically and practically with the nature of media, a vital skill in an era of fake news, selfies and viral videos, and where media industries are constantly expanding.

Possible topics
1st year
- 30 credits of Media Studies Theory and practice modules
- Choose 2 other Arts subjects from groups 1-5. The only compatible double subject in Mathematics (Pure), see p. 40 for compatible subject groups.

2nd & Final year
- 30 credits of Media Studies Theory and practice modules
- Choose 2 other Arts subjects from groups 1-5. The only compatible double subject in Mathematics (Pure), see p. 40 for compatible subject groups.

You might also like
- Anthropology
- Sociology
- Economics
- History
- Philosophy

Contact us
Maynooth University Department of Applied Social Studies, Laraghbryan House.
Email: appliedsocialstudies@mu.ie
Phone: +353 1 708 3743 / +353 1 708 4574
Website: www.maynoothuniversity.ie/applied-social-studies

Options after graduation?
Graduates emerge with practical production and research skills, and a broad understanding of media dynamics. Many seek careers in television, radio, and film production, web design, media research, social media marketing, advertising and public relations.

Postgraduate options currently include:
- MA in Critical and Creative Media, MA in Sociology: Internet and Society, MLitt and PhD research degrees.

Contact us
Maynooth University Department of Media Studies, Iontas Building.
Email: media.studies@mu.ie
Phone: +353 1 708 3624
Website: www.maynoothuniversity.ie/media-studies
Find us on Facebook and Twitter
BSc SocSc Community and Youth Work (full-time)

CAO Code: MH116 | CAO Points 2018: Not applicable

Course structure

MN16 and MN802
- Both MN16 (full-time) and MN802 (part-time — see page 124) on-campus study of a range of topics relevant to community and youth work with off-campus supervised fieldwork practice. Supervised fieldwork in both community and youth work is essential for all students.

Possible topics
1st year
- Community and Youth Work
- Principles and Practice
- Introduction to Social Sciences
- Youth and Community Arts
- Practice Skills Development
- Fieldwork Practice

2nd year
- Community and Youth Work Issues and Policies
- Professional Studies
- Applied Social Sciences
- Practice Skills Development
- Fieldwork Practice

Final year
- Research for Practice
- Social Science Context of Practice
- Critical Issues in Practice
- Professional Development
- Fieldwork Practice

Section 2 – Humanities and Social Sciences

Specialised Degrees

BSc Product Design

CAO Code: MH305 | CAO Points 2018: 356

Course structure

- As a specialised 4-year Bachelor of Science degree in Product Design, a range of technology, marketing and design subjects are taken in all years.

Possible topics
1st year
- Creative thinking and design
- Core design skills
- Universal design
- Usability, ergonomics and aesthetics
- Digital imaging
- Designing with constraint

2nd year
- Core design skills
- Universal design
- Usability, ergonomics and aesthetics
- Marketing management
- Digital imaging
- Design for engineering and sustainability

3rd year
- Optional 10-credit Electives (see page 13 for details)

Final year
- Optional 10-credit Electives in second year (see page 13 for details)
- All students take a 6-month, full-time, work experience placement in 3rd year (subject to availability)

Students may consider career areas such as product design, interaction design, medical device design, furniture design, technical marketing, customer development and user experience, new product development, design management, technology business management and many other design disciplines.

Some graduates continue their studies and we currently offer the following postgraduate course:

MSc Design Innovation

Maynooth Education Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Design Innovation, Rowan House
= +353 1 708 6634
= design@mu.ie
= www.maynoothuniversity.ie/design-innovation

Find us on Twitter

You might also like
MH101: Business (Management) in the Bachelor of Arts degree p. 50
MH304: BE Electronic Engineering p. 192
MH404 BMS: BBS Business and Management p. 134
MH411: BBS Entrepreneurship p. 139

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/coursefinder

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/coursefinder
BSocSc Community and Youth Work (part-time)  
CAO Code: MH802  
CAO Points 2018: Not applicable

CAO Code: MH802  
CAO Points 2018: Not applicable – restricted course – entrance test/interviews required  
CAO Points Range 2017: Not applicable. Restricted application course – entrance test/interviews required  
Places 2018: 10

**Places 2018:** application course – entrance test/interviews required  
**CAO Points 2018:**

**Options after graduation?**

- **Community Studies as a part-time (evening) interdisciplinary degree for mature applicants only (21 years or more):**
  - Departments involved are Adult and Community Education; Anthropology; Applied Social Studies; Sociology; History; Geography.

**Why choose this degree?**

- The BA in Community Studies (Social Sciences) is specifically designed for adult students who are interested in pursuing a part-time evening degree.
- New students are catered for in Semester 1 with an introduction to programmes which includes a comprehensive study skills and student support module aimed at people who have been out of the education system for any length of time.
- 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.
- Use previous learning to fast-track to the degree award through our Recognition of Prior Learning system.

**Course structure**

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<thead>
<tr>
<th>Both MH816 (full-time) and MH802 (part-time) combine on-campus study of a range of topics relevant to community and youth work with off-campus supervised fieldwork practice. Supervised fieldwork in both community work and youth work is essential for all students.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH802 – 4 year: Part-time students complete all modules over four years studying alongside full-time students. Flexibility is required and an individual timetable is negotiated at the beginning of each year.</td>
</tr>
</tbody>
</table>

**Possible topics**

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community and Youth Work Principles and Practice</td>
<td>Community and Youth Work Issues and Policies</td>
<td>Research for Practice</td>
<td>Critical Issues in Practice</td>
</tr>
<tr>
<td>Introduction to Social Sciences</td>
<td>Professional Studies</td>
<td>Social Science Context of Practice</td>
<td>Environment, Sustainability and Social Justice</td>
</tr>
<tr>
<td>Youth and Community Arts</td>
<td>Applied Social Sciences</td>
<td>Critical Issues in Practice</td>
<td>Professional Development</td>
</tr>
<tr>
<td>Practice Skills Development</td>
<td>Practice Skills Development</td>
<td>Professional Development</td>
<td>Fieldwork Practice</td>
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<tr>
<td>Fieldwork Practice</td>
<td>Fieldwork Practice</td>
<td>Fieldwork Practice</td>
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</tr>
</tbody>
</table>

Graduates are equipped to take up professional employment in a range of community and youth work organisations and agencies – community development projects, local, urban and rural development groups, community youth projects, neighbourhood youth projects and local youth services, as well as organisations concerned with particular groups (e.g. women, Travellers, new communities) or issues (e.g. unemployment, migrant rights, drugs, poverty).

**Postgraduate options in the Department include the MA in Applied Social Studies and the MSc (Rights and Social Policy).**

**Application procedure for all applicants to MH802**

As this is a restricted course on the CAO, all applicants to MH802 will be requested to submit a personal statement outlining their reasons for wanting to do this course (in no more than 350 words), two written references and information on work experience.

As this is an in-service programme, all applicants must be currently employed in youth work and/or community work, and have written agreement from their employer to facilitate participation in the programme.

**Professional education and training that engages learners as active participants.**

**Why choose this degree?**

- You will work in solidarity with those affected by human rights denial, poverty and inequality.
- 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 country.
- This degree programme combines theoretical education and practice experience, creating a learning environment which both challenges you and fosters your development.

**Contact us**

Maynooth University Department of Applied Social Studies, Laraghbryan House  
appliapplyed-social-studies@mu.ie  
+353 1 708 3743 / 3744  
www.maynoothuniversity.ie/applied-social-studies

---

**BA Community Studies**

**CAO Code: MH803 BCS**

**CAO Points 2018:** Not applicable – mature students only (21 years or more)  
**CAO Points Range 2017:** Not applicable – mature students only (21 years or more)  
**Places 2018:** 50

**Options after graduation?**

- 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 fields of interest such as education, citizenship, social inclusion and social cohesion, regeneration, narrative enquiry, gender studies, politics and sociology.
- Progression to the Professional Master of Education for Secondary School teaching or the HDip in Further Education and Training.

**Contact us**

Maynooth University Department of Adult and Community Education, Education House  
Email: degreemfh@mu.ie  
Tel: 353 1 708 4587 / 353 1 708 3948  
www.maynoothuniversity.ie/adult-and-community-education

**You might also like**

Anthropology p. 46  
Sociology p. 110

---

**Course structure**

- This flexible degree has been developed for people who are busy with work, family and daily life.

- 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 course.

**Possible topics**

- Examples of modules include:
  - Contemporary Youth Work Issues
  - Creativity and Performing Arts
  - Equality and Identity
  - Substance Misuse and Dependence
  - Housing and Community
  - Group Facilitation Skills

**Course structure**

- This flexible degree has been developed for people who are busy with work, family and daily life.

- 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 course.

**Possible topics**

- Examples of modules include:
  - Contemporary Youth Work Issues
  - Creativity and Performing Arts
  - Equality and Identity
  - Substance Misuse and Dependence
  - Housing and Community
  - Group Facilitation Skills
BA Local Studies
CAO Code: MH803 BLS | CAO Points 2018: Not applicable

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.

CAO Points Range 2017: Not applicable – mature students only (21 years or more)
Places 2018: 30
Erasmus/Study Abroad Option: No

Leaving Certificates: Not applicable. Only open to mature applicants of 21 years or older.

Why choose this degree?
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.

Use previous learning to fast-track to the degree award through our Recognition of Prior Learning system.

New students are catered for in Semester 1 Introduction to Programmes which includes a comprehensive Study Skills and Student Support module aimed at people who have been out of the education system for any length of time.

Options after graduation?
Develop research, writing, communication, critical thinking, analysis and interpretation skills to the highest level.

In some cases students from the Local Studies degree 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.

Contact us
Maynooth University Department of Adult and Community Education, Education House
evening.degrees@mu.ie
+ 353 1 708 4587 / + 353 1 708 3948
www.maynoothuniversity.ie/adult-and-community-education
Find us on Twitter

Course structure
This flexible degree has been developed for people who are busy with work, family and daily life.

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.

Experience a dynamic learning environment where new students mix, learn and gain support from other students who are further along the degree path.

Possible topics
Examples of modules include:
Death in Early Ireland
Climate change: the potential impacts for community and locality
Introduction to Irish Archaeology
Latin for Local History 1

You might also like
Classics p. 78, 80, 86
Geography p. 74
History p. 82
THE COURSES OFFERED BY THE DEPARTMENT OF ECONOMICS, FINANCE AND ACCOUNTING AND THE SCHOOL OF BUSINESS ARE AMONG THE MOST POPULAR IN THE UNIVERSITY.

Chris spent a year on placement at Intel and secured a full time job there after graduation - as a Capital Finance Analyst. Chris is currently in Corporate Accounting after progressing to Senior Analyst and is on track to become a Chartered Global Management Accountant (CIMA). “The BBA Business and Management is one of the few in the country which offers a work placement opportunity combined with a broad range of business subjects. Maynooth is a very friendly and diverse University. I secured an 11 month work placement with Intel in their finance department. I thoroughly enjoyed this and it allowed me to gain invaluable experience which benefited me in my final year of study and helped me shape my career path.”

CHRISTOPHER DEVANEY, GRADUATE

WE HAVE STRONG LINKS WITH INDUSTRY AND THE WIDER BUSINESS COMMUNITY INCLUDING THE BIG FOUR ACCOUNTING PRACTICES, US MULTINATIONALS, THE CENTRAL BANK, HEDGE FUNDS AND FUND MANAGEMENT COMPANIES.

### BUSINESS, ECONOMICS, FINANCE AND ACCOUNTING

#### Specialised Degrees

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MH401</td>
<td>FIN BA Finance</td>
<td>130</td>
</tr>
<tr>
<td>MH401</td>
<td>IFE BA International Finance and Economics</td>
<td>131</td>
</tr>
<tr>
<td>MH402</td>
<td>BSc Quantitative Finance</td>
<td>132</td>
</tr>
<tr>
<td>MH403</td>
<td>BA Accounting and Finance</td>
<td>133</td>
</tr>
<tr>
<td>MH404</td>
<td>BMA BBS/BBA Business and Management</td>
<td>134</td>
</tr>
<tr>
<td>MH404</td>
<td>INB BBS/BBA International Business</td>
<td>135</td>
</tr>
<tr>
<td>MH404</td>
<td>MKT BBS/BBA Marketing</td>
<td>136</td>
</tr>
<tr>
<td>MH405</td>
<td>BBS/BBA Equine Business</td>
<td>137</td>
</tr>
<tr>
<td>MH407</td>
<td>BBS/BBA Business and Accounting</td>
<td>138</td>
</tr>
<tr>
<td>MH411</td>
<td>BBS Entrepreneurship</td>
<td>139</td>
</tr>
<tr>
<td>MH502</td>
<td>LWA BCL (Law and Accounting)</td>
<td>140</td>
</tr>
<tr>
<td>MH502</td>
<td>UWB BCL (Law and Business)</td>
<td>141</td>
</tr>
</tbody>
</table>

Accounting, Business (Management), Business (International), Business (Marketing), Economics, Finance & Law also available in the Bachelor of Arts degree MH101 - see section 1
BA Finance

CAO Code: MH401 FIN | CAO Points 2018: 353

1st 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
- Options to take a further 7.5 credits of Mathematics

2nd and Final year
Students choose from these options:

(a) Economics between the Single Major and Major/Minor routes to degree level

(b) Switch to the BA Accounting and Finance degree (MH403)

MH403 is a sister degree to MH401 Accounting and Finance, with many modules in common. Slide steps between the two degrees are allowed at the end of 1st year, depending on the 1st year optional modules chosen.

You might also like
MH101: Finance in the Bachelor of Arts degree
MH401 IFE: BA International Finance and Economics

BA International Finance and Economics

CAO Code: MH401 IFE | CAO Points 2018: 353

1st year
Study Economics, Mathematics and a choice of languages or Computer Science. Languages available: Chinese, French, German and Spanish. Chinese, German and Spanish are available to complete beginners. H5 is required to study French. Advanced German or Spanish requires H6.

Either work or study abroad in 2nd year (or work in an internationally oriented company in Ireland – all subject to availability). You may study abroad in the 1st semester, and work in the 2nd.

You might also like
MH101: Finance in the Bachelor of Arts degree

Placement Option: No
Leaving Certificate: 2H5 & 4H6/H7, Irish, English & A/ Ordinary Level Mathematics
Duration: 3 years
Placement Option: No
Mature Applicants: See p. 202
UK, EU & International Applicants: See p. 207
GCI Link: See p. 204

Placement Option: Yes
You are interested in learning how to use analytical tools which require an introduction to the principles of how markets work and how money and finance interact with the economy.

Benefits include:
- Mathematics, deductive logic and applied statistics
- To examine problems and devise logical solutions.

Options 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 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.

Placement 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. We currently offer the following postgraduate courses:

- MiSc Finance / MiSc Economic and Financial Risk Analysis / PhD Finance.

Contact us
Maynooth University Department of Economics, Finance and Accounting, Rhetoric House
www.maynoothuniversity.ie/economics-finance-and-accounting

Find us on Twitter
Maynooth University

You might also like
MH101: Finance in the Bachelor of Arts degree
MH401 IFE: BA International Finance and Economics

—

Possible topics
1st year
- Economics, Macroeconomics, Mathematics and Accounting

2nd year
- Corporate Finance, Financial Management, Econometrics, Financial Markets and Institutions, Money and Banking, Microeconomics

Final year

You might also like
MH101: Finance in the Bachelor of Arts degree

Placement Option: Yes
Mature Applicants: See p. 202
UK, EU & International Applicants: See p. 207
GCI Link: See p. 204

Placement Option: Yes
You are interested in learning how to use analytical tools which require an introduction to the principles of how markets work and how money and finance interact with the economy.

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Contact us
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www.maynoothuniversity.ie/economics-finance-and-accounting

Find us on Twitter
Maynooth University

Opportunities 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 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.

Placement 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. We currently offer the following postgraduate courses:

- MiSc Finance / MiSc Economic and Financial Risk Analysis / PhD Finance.

Contact us
Maynooth University Department of Economics, Finance and Accounting, Rhetoric House
www.maynoothuniversity.ie/economics-finance-and-accounting

Find us on Twitter
Maynooth University

Placement Option: Yes
BSc Quantitative Finance
CAO Code: MH402 | CAO Points 2018: New Degree

This programme will challenge and stimulate students who wish to pursue a career in the financial markets.

The combination of financial, mathematical and computer programming skills will equip graduates to succeed and prosper in a fast-changing banking and financial sector.

Students will 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.

Why choose this degree?

By choosing this degree you will learn the required skills from leading experts across three different disciplines: Finance, Mathematics and Computer Science.

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.

Maynooth Education
Critical Skills Option
See p. 13 for details

<table>
<thead>
<tr>
<th>Course structure</th>
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</thead>
<tbody>
<tr>
<td>1st year</td>
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<tr>
<td>2nd year</td>
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<tr>
<td>3rd year</td>
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<tr>
<td>4th year</td>
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</tbody>
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<table>
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<tr>
<th>Possible topics</th>
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<tbody>
<tr>
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<tr>
<td>2nd year</td>
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<tr>
<td>3rd year</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Options after graduation?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduates will be ideally placed to pursue a career in investment banking, treasury management, corporate finance, financial engineering, fintech and wealth management. Alternatively, graduates may prefer to pursue further studies. We offer a range of postgraduate courses which currently include:</td>
</tr>
<tr>
<td>- MSc in Economic and Financial Risk Analysis</td>
</tr>
<tr>
<td>- MSc in Finance</td>
</tr>
<tr>
<td>- MSc in Computer Science (Applied)</td>
</tr>
<tr>
<td>- MSc in Data Science and Analytics</td>
</tr>
</tbody>
</table>

Contact us
Maynooth University Department of Economics, Finance and Accounting, Rhetoric House
Website: www.maynoothuniversity.ie/economics-finance-and-accounting
Find us on Twitter

You might also like
Finance / International Finance and Economics in MH401 p. 130-131
Statistics in MH201 p. 114
Statistics in MH401 p. 169

BA Accounting and Finance
CAO Code: MH403 | CAO Points 2018: 400

Potentially pursue a career as a professional accountant with this degree.

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).

Study technical accounting skills, financial analysis and the measurement of performance in business.

Why choose this degree?

To become a professional accountant, you need to successfully complete three levels of professional exams as well as on-the-job training. If you successfully complete the BA Accounting and Finance, you will be exempt from the first level of these professional examinations (CAP1 examinations Chartered Accountants Ireland and equivalent examinations from ACCA, CIMA and CPA professional accounting bodies).

If you complete the Masters in Accounting at Maynooth, you will be exempt from the second level of these examinations. You will then only have to take one level of professional exams and complete on-the-job training to qualify as an accountant.

You 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.

Maynooth Education
Critical Skills Option
See p. 13 for details

<table>
<thead>
<tr>
<th>Course structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
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<tr>
<td>2nd and Final year</td>
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<tbody>
<tr>
<td>1st year</td>
</tr>
<tr>
<td>2nd year</td>
</tr>
<tr>
<td>Final year</td>
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</tbody>
</table>

You might also like
MH101: Accounting in the Bachelor of Arts degree p. 44
MH407: BBS Business and Accounting p. 138
MH502: UWA: BCL Law and Accounting p. 145

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
**Course structure**

1st year
- The fundamentals of Business including Management, Marketing, Innovation, Competitiveness, Professional Skills and Business Ethics amongst other business modules.

2nd year
- The emphasis changes to understanding the core functions of business and how to use the structures of organisations to achieve outcomes for clients. Students take a combination of core and optional modules.
- Optional 10 credit Electives (see p. 13 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.

Final year
- We examine how functions and theories tie together at the strategic level, as well as allowing you to choose advanced optional modules to deepen your understanding of business in general, or a specific functional area.

**Possible topics**

1st year
- Organisational Behaviour and Management
- Introduction to Management
- Ethics, Accounting, and Economics
- Business
- Marketing

2nd year
- Human Resource and Operations Management
- Introduction to Management Information Systems
- Brand and Project Management
- International Business and International Management

Final year
- Strategic Management and Strategy Simulation
- Innovation Management, Managing Information Technology, and Business Analytics
- Change Management, Social Media, and Managing Multinational Corporations

**Full degree and module detail on our Course Finder** [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat

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### BBS/BA Business and Management

- **CAO Code:** MH404 BMA
- **CAO Points Range 2018:** 400-405
- **Placements 2018:** 150 (MH404)

**Why choose this degree?**
- Our faculty are a blend of international and local industry experts who bring profound insights into the practicality and complexity of Management.
- Management students at Maynooth 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 you most enjoy so that you can specialise your degree based on your own strengths and interests.
- You will 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.

**Options after graduation?**
- A recent survey of all Irish university graduates found that, amongst the 10 major fields of university study, Business had one of the highest rates of graduate employment (HEA 2017).

**SECTION 3 – BUSINESS, ECONOMICS, FINANCE AND ACCOUNTING SPECIALISED DEGREES**

---

**BBS/BA International Business**

- **CAO Code:** MH404 INB
- **CAO Points Range 2018:** 400-405
- **Placements 2018:** 150 (MH404)

**If you are interested in global economic and business climates and in how business is conducted across the globe, this is the degree for you.**

**The people, cultural, operational, and marketing insights provided by studying International Business are critical to understanding the process of internationalising and then managing diverse teams corresponding to international companies.**

**You will learn how organisations of all sizes internationalise their operations to exploit opportunities in the global market, while also developing key skills for lifelong learning, including how to analyse and think critically about solving business problems in an international environment.**

**Why choose this degree?**
- Our newly launched 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.
- 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.

**Options after graduation?**
- A recent survey of all Irish university graduates found that, amongst the 10 major fields of university study, Business had one of the highest rates of graduate employment (HEA 2017).

**Full degree and module detail on our Course Finder** [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat

---
**SECTION 3 – BUSINESS, ECONOMICS, FINANCE AND ACCOUNTING SPECIALISED DEGREES**

**BBS/BBA Marketing**

CAO Code: MH404 MKT | CAO Points 2018: 400

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If you want to develop core marketing skills and a thorough understanding of how the marketing function fits into a wider organisational context, then this is the degree for you.

You will learn how to work with a wide range of existing and emerging marketing tools and channels, including digital media, search engine optimisation, social networking, and experiential marketing.

This degree also helps you understand where, when, and how to spend your marketing budget to greatest effect; how to plan marketing research, develop strategic marketing plans, and create persuasive communications, while considering the needs of a multicultural, international business environment and how marketing fits into the operations and strategy of a firm as a whole.

**Why choose this degree?**

Marketing is both profoundly local, selling to one customer, and global, selling to international markets. Our faculty are a blend of business, marketing, or the public sector.

Graduates are likely to be primarily focused on careers in the equine industry but will also be well qualified to work in other sectors, such as banking or financial services, business and management, or the public sector.

**Options after graduation?**

- Business graduates are consistently among the most employable in the Irish education system. Marketing graduates have a wide variety of career choices open to them. They can work for specialist marketing organisations or, indeed, work in any sector or industry as a marketing executive.

- As you study marketing, you will gain knowledge and skills that can help you in any business-related career because you will understand the importance of the view of the final customer. As a marketer, you will see products and services from their inception right through to their use by the final consumer and have input every step of the way.

- Marketing students at Maynooth benefit from unmatched flexibility and choice. This degree offers you the opportunity to undertake specialist options in the subjects you enjoy so you can focus your degree according to your own strengths and interests. You will also gain insights into Business as a whole, taking key modules in Management to complement your Marketing studies.

- Additionally, you can avail of the opportunity to take a work placement in a multi-national or Irish firm for a year (subject to availability), an opportunity which provides you with practical business work experience that can enhance your employability following graduation, or complete a study year abroad, gaining insights into another culture.

---

**Course structure**

- Core marketing topics including Consumer Behaviour and Consumer Research and Marketing.
  - In addition, you study other Business modules, including Introduction to Managing Innovation.

- Possible topics
  - Marketing and Consumer Behaviour
  - Organisational Behaviour and Managing Innovation
  - Business Landscapes, Introduction to Accounting, and Microeconomics

---

**Possible topics**

- Core marketing topics including Consumer Behaviour and Consumer Research and Marketing.
  - In addition, you study other Business modules, including Introduction to Managing Innovation.

- Possible topics
  - Marketing and Consumer Behaviour
  - Organisational Behaviour and Managing Innovation
  - Business Landscapes, Introduction to Accounting, and Microeconomics

---

**Course 1st year**

- Core marketing topics including Consumer Behaviour and Consumer Research and Marketing.
  - In addition, you study other Business modules, including Introduction to Managing Innovation.

- Possible topics
  - Marketing and Consumer Behaviour
  - Organisational Behaviour and Managing Innovation
  - Business Landscapes, Introduction to Accounting, and Microeconomics

---

**Course 2nd year**

- Core marketing topics including Consumer Behaviour and Consumer Research and Marketing.
  - In addition, you study other Business modules, including Introduction to Managing Innovation.

- Possible topics
  - Marketing and Consumer Behaviour
  - Organisational Behaviour and Managing Innovation
  - Business Landscapes, Introduction to Accounting, and Microeconomics

---

**Final year**

- A more strategic approach to the marketing function through your study of modules such as International Marketing, Social Media and Business Analytics, and Strategic Management.

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**Maynooth Education Electives Option**

- MH404: BBM Business and Management p. 134
- MH404: INB: BBIS International Business p. 135
- MH404: BBS: Equine Business p. 137
- MH407: BBS Business and Accounting p. 138
- MH502: LWB: BCL (Law and Business) p. 146

---

**Contact us**

Maynooth University School of Business Building, North Campus

---

**You might also like**

- MH101: Business (International Business / Management / Marketing) in the Bachelor of Arts degree p. 48-53
- MH404: BBM: BBIS Business and Management p. 134
- MH404: INB: BBIS International Business p. 135
- MH405: BBS: Equine Business p. 137
- MH407: BBS Business and Accounting p. 138
- MH502: LWB: BCL (Law and Business) p. 146

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**Duration:** 3 years 4 years with optional placement and/or Erasmus/Study Abroad

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**Placement Option:** Yes – subject to availability (results in BBA award)

---

**Leaving Certificate:** Irish, English & O'A'H Maths Duration: 3 years 4 years with optional placement and/or Erasmus/Study Abroad

---

**Erasmus/Study Abroad Option:** Yes Mature Applicants: See p. 207 UK, EU & International Applicants: See p. 207 GQI Link: See p. 204

---

**Full degree and module detail on our Course Finder**

www.maynoothuniversity.ie/level8 on webchat

---

**BBS/BBA Equine Business**

CAO Code: MH405 | CAO Points 2018: 358

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This is a comprehensive Business degree with an Equine Business specialisation. This unique degree focuses on the development of professional management skills for the equine industry and has been designed for students who would like to pursue an exciting and rewarding management career in this dynamic sector.

- Students study equine business as a specialism throughout their degree, including themes such as: thoroughbred racing and equestrian sport and its management here in Ireland and internationally.

- This degree enables you to develop an understanding of equine leisure and tourism, and stud farm management sectors of the industry, as well as the functions of a business, including marketing, management, information systems, and operations.

**Why choose this degree?**

- Horse Racing Ireland and Maynooth University offer after four Michael Osborne Equine Business Scholarships each year for the three years of the Equine Business degree. The objective of the scholarships is to promote Irish and international horse racing.

- Students have the opportunity to take a one-year work placement (subject to availability) or spend three year studying at either the University of Arizona on the Raceday Industry programme or the University of Kentucky (subject to availability).

- Graduates are likely to be primarily focused on careers in the equine industry but will also be well qualified to work in other sectors, such as banking or financial services, business and management, marketing, or the public sector.

**Options after graduation?**

- Business graduates are consistently among the most employable in the Irish education system.

- Equine graduates typically enter careers in stud farm management, racetrack management, regulatory organisations, bloodstock sales, marketing/promotions, the betting sector, equine leisure and tourism sector, and ancillary businesses (e.g. feed, transport, veterinary services, equipment, insurance, accountancy, and teaching), here in Ireland or abroad.

- The School of Business also offers a range of postgraduate programmes for Equine graduates.

**Maynooth Education Electives Option**

See p. 13 for details

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**Contact us**

Maynooth University School of Business Building, North Campus

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**You might also like**

- MH101: Business (International Business / Management / Marketing) in the Bachelor of Arts degree p. 48-53
- MH404: BBM: BBIS Business and Management p. 134
- MH404: INB: BBIS International Business p. 135
- MH407: BBS Business and Accounting p. 138
- MH502: LWB: BCL (Law and Business) p. 146

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**Full degree and module detail on our Course Finder**

www.maynoothuniversity.ie/level8 on webchat

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**Duration:** 3 years 4 years with optional placement and/or Erasmus/Study Abroad

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**Placement Option:** Yes – subject to availability (results in BBA award)

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**Leaving Certificate:** Irish, English & O'A'H Maths Duration: 3 years 4 years with optional placement and/or Erasmus/Study Abroad

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**Erasmus/Study Abroad Option:** Yes Mature Applicants: See p. 207 UK, EU & International Applicants: See p. 207 GQI Link: See p. 204

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**Full degree and module detail on our Course Finder**

www.maynoothuniversity.ie/level8 on webchat

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**MH404 BMA: BBS Business and Management p. 134**

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**MH404 INB: BBIS International Business p. 135**

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**MH405: BBS Equine Business p. 137**

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**MH407: BBS Business and Accounting p. 138**

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**MH502: LWB: BCL (Law and Business) p. 146**

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**MH404 MKT: BBS Business and Marketing p. 138**

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**MH405: BBS Business and Management p. 134**

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**MH407: BBS Business and Accounting p. 138**

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**MH502: LWB: BCL (Law and Business) p. 146**

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**MH404 MT-K: BBIS Marketing p. 136**

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**MH407: BBS Business and Accounting p. 138**

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**MH502: LWB: BCL (Law and Business) p. 146**

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**MH405: CAO Points Range 2017: 357-482**

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**MH404: CAO Points Range 2017: 405-600**

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**Places 2018: 150 (MH404)**

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**CAO Code: MH405**

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**CAO Points Range 2017:** 25-100

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**Places 2018:** 25

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**CAO Code: MH404**

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**CAO Points Range 2017:** 136-237

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**Places 2018:** 150 (MH404)
BBS/BBA Business and Accounting
CAO Code: MH407  |  CAO Points 2018: 401

If you would like to pursue a career as a professional accountant and would like to obtain an understanding not only of financial and managerial accounting, but also of how these fit into a business, this is the route for you.

Students gain an excellent foundation in the management of organisations, as well as in financial analysis and the measurement of performance.

Studying Business and Accounting together helps you develop an excellent set of technical accounting skills, coupled with a thorough appreciation of the world of business and management.

Accounting and finance need to support the implementation of a business strategy to create and capture value for and from customers. The Business element of this degree gives students an appreciation of the core functions of a business and how they interact to create and capture value.

Why choose this degree?
To become a professional accountant, you need to successfully complete three levels of professional exams as well as on-the-job training. If you successfully complete the BBS Business and Accounting, you will be exempt from the first level of these professional examinations (CAP1 examinations from Chartered Accountants Ireland and equivalent examination papers from ACCA, CIMA and CPA professional accounting bodies).

If you complete the Masters in Accounting at Maynooth, you will be exempt from the second level of these examinations. You will then only have to take one level of professional exams and complete on-the-job training to qualify as an accountant.

You will have the option of taking a four year degree with a work placement or study year abroad, thus combining what you learn during your degree with work experience.

Why choose this degree?
To become a professional accountant, you need to successfully complete three levels of professional exams as well as on-the-job training. If you successfully complete the BBS Business and Accounting, you will be exempt from the first level of these professional examinations (CAP1 examinations from Chartered Accountants Ireland and equivalent examination papers from ACCA, CIMA and CPA professional accounting bodies).

If you complete the Masters in Accounting at Maynooth, you will be exempt from the second level of these examinations. You will then only have to take one level of professional exams and complete on-the-job training to qualify as an accountant.

You will have the option of taking a four year degree with a work placement or study year abroad, thus combining what you learn during your degree with work experience.

Options after graduation?
While graduates are likely to be primarily focused on a professional accounthancy 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 accounting, banking, the financial services sector as well as financial research and teaching. Both the School of Business and the Department of Economics, Finance and Accounting offer a range of postgraduate programmes including:

- MA in Accounting (CAP2 exemptions)
- MSc in Strategy and Innovation
- Higher Diploma in Professional Accounting

Contact us
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E maire.adderley@mu.ie
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W www.maynoothuniversity.ie/business
T Find us on Facebook, Twitter, Instagram and LinkedIn

You might also like
MH101: Accounting in the Bachelor of Arts degree p. 44
MH101: Business (International Business / Management / Marketing) in the Bachelor of Arts p. 48-53
MH402: BA Accounting and Finance p. 133
MH404: BBA Business and Management p. 134
MH404: BBA: BBS International Business p. 135
MH405: BBS Equine Business p. 137

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.

Possible topics
1st year
- Financial Accounting
- Business Models and Marketing
- Business Ethics and Society
- Fundamentals of Finance and Accounting
- Business Lanscapes
- Organisational Behaviour and Management
- Economics

2nd year
- Financial Accounting
- Management and Cost Accounting
- Taxation
- Corporate Finance
- Operation and Supply Chain
- Management Information Systems
- Marketing Management

Final year
- Advanced Financial Accounting
- Advanced Management and Cost Accounting
- Taxation
- Contemporary Issues in Marketing
- Strategic Human Resource Management
- Business Ethics and Society

CAO Code: MH411  |  CAO Points 2018: 357

Entrepreneurship is the conversion of ideas to action. We emphasise both elements, but especially the ideas by spending time on both the students' creative confidence and turn their creative ideas into action that will add value to the world.

Why choose this degree?
Our degree takes the appropriate elements of the business degree and overlays it with key skills like creativity, innovation and social enterprise.

Our lecturers are really accomplished entrepreneurs – people who have experience of starting and running businesses – as well as having impeccable academic credentials.

Get involved in our dedicated Centre for Entrepreneurship called EDEN - EDEN is our Centre for Entrepreneurship, Design and Innovation. EDEN is here to help all students develop their creative confidence and turn their creative ideas into action that will add value to the world.

Options after graduation?
This is a business degree that sparkles on your CV: it shows that you are enterprising and innovative. Businesses today are looking for creative people who can help them spot and deliver on new opportunities for their organisations. You can enter business, public or third sector jobs. Careers in consulting, public service and not-for-profit organisations are also common.

Over the past three years, over 80,000 jobs were created in Ireland and 90% of these came from small, start-up businesses. Social entrepreneurship is also a thriving area with high profile success stories ranging from Coder Dojo to the Grameen Bank transforming the landscape of social enterprise, so there has rarely been a better time to study entrepreneurship.

Many of our graduates choose to specialise further with a postgraduate degree. We offer an award winning MSc in Design Innovation. Other options are available from our Business School.

Maynooth Education
Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Design Innovation, Rye Hall
E design@mu.ie
L +353 1 708 6634
W www.maynoothuniversity.ie/design-innovation
T Find us on Facebook, Twitter, Instagram and LinkedIn

You might also like
MH101: Business (Management) in the Bachelor of Arts degree p. 50
MH105: BSc Product Design p. 123
MH404: BBA: BBS Business and Management p. 134

Course structure
1st year
- You’ll study the fundamentals of business, innovation, the digital economy
- Financing, designing business models, intellectual property and maximising revenues
- Optional 10 credit Electives (see p. 13 for details)

2nd year
- Digital Marketing
- Managing Logistics: Supply Chain
- Managing Project
- Managing Business: Business Strategy
- Managing Business: Entrepreneurial Strategy
- Managing Business: Social Entrepreneurship
- Managing Business: Small Business

Final year
- You’ll off with your business idea – starting, scaling, getting finance, innovation, negotiation and managing social media marketing

Possible topics
BCL (Law and Accounting)

CAO Code: MH502 LWA | CAO Points 2018: 420

CAO Code: MH502 LWA
CAO Points 2018: 420
CAO Points Range 2017: 413-533
Places 2018: 130 (MH502)

Erasmus/Study Abroad Option: Yes
Mature Applicants: See p. 202
UK, EU & International Applicants: See p. 207
GO Link: See p. 204

Leaving Certificates: 2H & 4O6/H7, Irish & English & O'H & H/HL Mathematics
Duration: 3 years
Placement Option: Yes – subject to availability

You might also like
Specialised Accounting degrees - see section 3
Other BCL Law degrees and our LLB degree
MH101: Accounting and Law as subjects in the Bachelor of Arts degree - see section 1

Possible topics

1st year
- Criminal Law, Constitutional Law, Contract Law
- Introduction to legal research and legal research methods
- Introduction to Financial Accounting

2nd year
- Core areas like Equity and Trusts and Land Law
- Management and Cost Accounting
- Critical skills, analysing materials in tutorials and seminars
- Practical skills, like participating in simulation exercises

Final year
- Choose from a range of options including Family Law and Employment Law

Why choose this degree?
- 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 abroad year, thus combining what you learn in university with insights into industry (legal or commercial) or another culture.
- Business and Management are the practical art, science, and craft of achieving change and getting things done through effective communication and rapport with people. This degree provides you with insights into the core functions of Business Administration and management and how they interact to create value for and capture value from clients and customers.
- Flexibility and choice: BCL students who successfully complete the first year of the programme have the option of transferring into second year of the LLB programme (MH601) or BBS Business and Management programmes (MH404 BMA).

Options after graduation
- Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options outside of qualifying as a lawyer, such as in general management, service, IT and management organisations, consulting, journalism, policy development, NGO sector, and national and international public administration.
- As a graduate of this programme, you will be in a position to immediately enter professional legal training, either by sitting the Law Society of Ireland’s FE1 examinations for entry to the solicitors’ profession or the Honorary Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.
- Both the School of Business and the Department of Law offer a range of postgraduate programmes for BCL (Law and Business) graduates.

Contact us
Maynooth University Law School, New House
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www.maynoothuniversity.ie/law
Follow us on Twitter, Facebook, Instagram and LinkedIn

You might also like
MH101 Business International Business / Management in the Bachelor of Arts degree - see section 1 p. 48-53
Our range of specialised Law and Business degrees. See section 4 for specialised Law degrees
MH101 Law in the Bachelor of Arts degree - see section 1 p. 88

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 3rd year and graduate after the 4th year
- Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the programme or 2nd year of the BBS Business and Management degree

Possible topics
1st year
- Core areas like Business Models and Marketing and Management Information Systems, and International Business
- Critical skills like analysing materials in tutorials and seminars
- Practical skills through participating in mock trials

2nd year
- Core areas like Company Law, Management and Cost Accounting
- Critical skills like financial analysis and the ethics of corporate governance

Final year
- Core areas like Company Law, Marketing, Human Resource Management
- Critical skills like analysing the financial behaviour of a business
- Optional modules, including Innovation Management, Media Law, Employment Law and Negotiation

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8
AS IRELAND’S YOUNGEST AND FASTEST-GROWING LAW SCHOOL, THE DEPARTMENT OF LAW AT MAYNOOTH UNIVERSITY BRINGS A FRESH APPROACH TO THE STUDY OF LAW, WITH A GLOBAL FOCUS.

"After graduation I began working with an NGO called Women for Election, where I helped organise programs for women wishing to run for public office. I pursued my master’s degree in Columbia Law School in New York, and was on the editorial board of the Columbia Human Rights Law Review.

In 2014 I joined the faculty of Cornell University Law School, where I spent two years as a Women and Justice Fellow at the Avon Global Center for Women and Justice. Since 2016 have been Research and Advocacy Director of the Cornell Center on the Death Penalty Worldwide.

I am indebted to the law lecturers in Maynooth University Department of Law for being diverse yet cohesive, and challenging yet supportive. Their influence throughout my time in Maynooth pushed me to try my hardest, and excel."

SHARON HICKEY, GRADUATE

LAW Specialised Degrees

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Criminology and Law also available in the Bachelor of Arts degree - see section 1

OUR ALUMNI WORK WITH SOME OF THE BEST INTERNATIONAL FIRMS IN THE WORLD SUCH AS KPMG, MOP, A&L GOODBODY AND WILLIAM FRY.

"Having graduated from Maynooth, I spent the following year working in the Four Courts as a law clerk for the District Court President, Judge Rosemary Horgan. I moved to the United States and am now a litigation associate at Weil, Gotshal & Manges in Manhattan. At Weil, I litigate commercial cases, antitrust cases, and securities cases for some of the largest corporations and financial institutions. I also represent pro bono clients in civil rights cases and criminal defense. Though based in the United States, I frequently keep in contact with my classmates and professors from Maynooth."

DAVID FITZMAURICE, GRADUATE

"After graduation I began working with an NGO called Women for Election, where I helped organise programs for women wishing to run for public office. I pursued my master’s degree in Columbia Law School in New York, and was on the editorial board of the Columbia Human Rights Law Review.

In 2014 I joined the faculty of Cornell University Law School, where I spent two years as a Women and Justice Fellow at the Avon Global Center for Women and Justice. Since 2016 have been Research and Advocacy Director of the Cornell Center on the Death Penalty Worldwide.

I am indebted to the law lecturers in Maynooth University Department of Law for being diverse yet cohesive, and challenging yet supportive. Their influence throughout my time in Maynooth pushed me to try my hardest, and excel."

SHARON HICKEY, GRADUATE
LLB Law

CAO Code: MH501 | CAO Points 2018: 451

☐ Specialise in a single major law programme over four years, opening up excellent employment prospects in both law and non-law careers.

☐ Acquire a thorough grounding in the fundamental areas of legal study and a broad range of specialist modules like Transnational Litigation, Civil Liberties, and Criminology.

☐ Employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

Why choose this degree?

☐ 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.

☐ Innovative programme with strong emphasis on the development of verbal and written advocacy skills through applied modules such as legal writing, negotiation, and dispute resolution.

☐ Get involved in our numerous student societies: the student Law Society, European Law Students’ Association, or Student FLAC (Free Legal Advice Centre Society).

Options after graduation?

☐ Students interested in a law career will be in a position to proceed directly into a Professional Law Degree or the Honorable Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.

☐ Students may apply to complete a work placement year in a law firm, or for a year studying abroad, during your degree (subject to availability).

☐ You can apply for a work placement year in a law firm, or for a year studying abroad, during your degree (subject to availability).

You might also like

MH101 Law and Criminology in the Bachelor of Arts degree
- see section 1

MH502 BCL (Law and Accounting) p. 145

MH502 BCL (Law and Business) p. 146

MH502 BCL (Law and Criminology) p. 147

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).

Possible topics

1st year

☐ Core modules such as Criminal Law, Constitutional Law, and Contract Law.

☐ Critical skills modules, like Legal Writing and Advocacy.

2nd year

☐ Core modules such as EU Law, Evidence and Administrative Law.

☐ Critical skills modules, like Innovation in Professional Practice.

3rd year

☐ Core modules such as Property Law, Company Law, and Equity.

☐ Critical skills modules, like Dispute Resolution.

Final year

☐ Business and Finance (e.g., Tax Law, Banking and Financial Law).

☐ Human Rights and Justice (e.g., Civil Liberties, Criminology).

☐ Transnational Regulation (e.g., Intellectual Property, Transnational Litigation).

BCL (Law and Accounting)

CAO Code: MH502 LWA | CAO Points 2018: 420

☐ Law is taken jointly with Accounting for the three years of the programme.

☐ Students acquire a thorough grounding in both core law subjects and key financial and accounting skills.

☐ 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), while studying technical accounting skills, financial analysis and the measurement of performance in business.

☐ Enhance employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

Why choose this degree?

☐ This programme is designed for students who would like to combine their study of law with a strong background in accounting.

☐ For the three years of this programme you will study Law and Accounting in equal measure, making this degree particularly attractive if you are considering a career in these fields.

☐ Flexibility and choice: 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).

☐ You 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, CIAA, and CPA professional accounting bodies.

☐ Accredited law degree by the Honorable Society of King’s Inns.

Options after graduation?

☐ Graduates of the BCL programme wishing to pursue a career in accounting may immediately enter professional training, and avail of certain exemptions from the professional accounting bodies.

You might also like

MH101: Accounting and Law as subjects in the Bachelor of Arts degree
- see section 1

MH502: BCL (Law and Accounting) p. 145

MH502: BCL (Law and Business) p. 146

MH502: BCL (Law and Criminology) p. 147

Possible topics

1st year


☐ Critical skills modules, like Legal Research Methods.

☐ Practical skills, participating in moot trials.

2nd year

☐ Core modules like Company Law, Financial and Management Accounting, and Taxation.

☐ Critical skills, analysing cases and models and seminars.

☐ Practical skills, preparing and participating in negotiation.

Final year

☐ Core modules like Property Law, Management Accounting, Financial Accounting, and Audit.

☐ Critical skills, analysing the philosophy of law, the ethics of corporate governance.

As a graduate of the BCL programme you will be in a position to immediately enter professional legal training, either by sitting the Law Society of Ireland’s FE1 examinations for entry to the solicitors’ profession or the Honorable Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.

Postgraduate study options at the Department of Law and the Department of Economics, Finance and Accounting have a strong international focus to reflect the increasingly global nature of accounting, law and legal practice. Options currently include LL.M. (International Business Law) and L.L. (Global Legal Studies), Higher Diploma in Professional Accounting, MA in Accounting.

Contact us

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See p. 207

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Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
**SECTION 4 – LAW SPECIALISED DEGREES**

**BCL (Law and Business)**

**CAO Code:** MH502 LWB | **CAO Points 2018:** 420

- **CAO Code:** MH502 LWB
- **CAO Points 2018:** 420
- **EU & International Applicants:** See p. 207
- **Places 2018:** 103 (MH502)
- **Mature Applicants:** See p. 202
- **Leaving Certificate:** CHSI & 400/H7, Irish & English & O4/H7 Mathematics*
- **Erasmus/Study Abroad Options:** Yes

**Duration:** 3 years

**Placement Option:** Yes – subject to availability

*Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB

**Why choose this degree?**
- 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, thus combining what you learn in university with insights into industry (legal or commercial) or another culture.
- Business and Management are the practical art, science, and craft of achieving change and getting things done through and with people. This degree provides you with insights into the core functions of Business and Management and how they interact to create value for and capture value from clients and customers.
- Accredited law degree by the Honorable Society of King’s Inns.

**Options after graduation?**
- Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options outside of qualifying as a lawyer, such as in general management, service, IT and management organisations, consulting, journalism, policy development, the NGO sector, and national and international public administration.

**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 3rd year and graduate after the 4th year
- Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB programme or 2nd year of the BBS Business and Management degree

**Possible topics**

**1st year**
- Core areas like Business Models and Marketing and Consumer Law
- Critical skills modules like Legal Research Methods and Managing Innovation
- Practical skills through participating in moot trials

**2nd year**
- Core areas like Company Law, Managing Information Systems, and International Business
- Critical skills like analysing materials in tutorials and seminars
- Range of optional modules from which to choose, including Commercial Law, Project Management, and Human Resource Management

**Final year**
- Core areas like Property Law, Strategic Management, Human Resource Management
- Critical skills, like analyzing the philosophy of law
- Optional modules, including Innovation Management, Media Law, Contemporary Issues in Marketing, and Employment Law

**You might also like**
- MH101 Law and Business as subjects in the Bachelor of Arts degree
- See p. section 1
- Our range of specialised Business degrees – see section 3

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**SECTION 4 – LAW SPECIALISED DEGREES**

**BCL (Law and Criminology)**

**CAO Code:** MH502 LWC | **CAO Points 2018:** 420

- **CAO Code:** MH502 LWC
- **CAO Points 2018:** 420
- **CAO Points Range 2017:** 413-533
- **Places 2018:** 103 (MH502)
- **Mature Applicants:** See p. 202
- **Leaving Certificate:** CHSI & 400/H7, Irish & English
- **Erasmus/Study Abroad Option:** Yes
- **Duration:** 3 years
- **Placement Option:** Yes – subject to availability

*Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB

**Why choose this degree?**
- No other university in Ireland offers the option of studying law with criminology as part of an accredited law degree.
- Unique interdisciplinary programme with perspectives from sociology, psychology, economics, as well as law.
- Be taught by leading international experts in the field with research interests in prisons, the death penalty, human trafficking, counter-terrorism and mental health.

**Maynooth Education Critical Skills Option**
- See p. 13 for details

**Options after graduation?**
- As a graduate of this programme you will be in a position to immediately enter professional training, either by sitting the Law Society of Ireland’s FE1 examinations for entry to the solicitors’ profession or the Honorable Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.
- Both the School of Business and the Department of Law offer a range of postgraduate programmes for BCL (Law and Business) graduates.

**Course structure**
- Law is taken jointly with Criminology for the 3 years of the programme
- You will take 30 credits of Law, 15 credits of Criminology, and 1 Arts subject (or Critical Skills) in 1st year.
- Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB programme
- Continue with 30 credits of Law and 30 credits of Criminology in 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

**Possible topics**

**1st year**
- Core modules such as Criminal Law, Constitutional Law, and Contract Law
- Introduction to the different schools of thought within the discipline of criminology: what is crime? What are its causes and how should we react to it?

**2nd year**
- Core modules such as EU Law, Evidence, and Administrative Law
- Policing and Social Control

**Final year**
- Core modules such as Property Law, Company Law, and Equity
- Youth Justice
- White-collar crime

**You might also like**
- MH501 LLB (Law) p. 144
- MH502 BCL (Law and Accounting) p. 146 |
- BCL (Law and Business) p. 146 | MH502 BCL (Law and Arts) p. 148
- Criminology and Law in the Bachelor of Arts degree – see section 1

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Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
BCL (Law and Arts)
CAO Code: MH502 LWD | CAO Points 2018: 420

Law is taken jointly with one Arts subject for the final two years of the programme.
Students receive an excellent grounding in core law subjects, while also retaining the flexibility to customise their own academic path.
Students can choose from a wide range of Arts subjects including languages and other areas within the humanities and social sciences.

Why choose this degree?
Flexibility and choice: 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.
Accredited law degree by the Honorable Society of King’s Inns.
Choose from a broad range of Bachelor of Arts subjects to best match your interests.

Options after graduation?
Students interested in a law career will be in a position to immediately enter professional training, either by sitting the Law Society of Ireland’s FE1 examinations for entry to the solicitors’ profession or the Honorable Society of King’s Inns’ Barrister-at-Law Degree entrance examination for entry to the barristers’ profession.

You might also like
MH501 LLB (Law p. 144)
MH502 BCL (Law and Accounting) p. 145 | BCL (Law and Business) p. 146 | MH502 BCL (Law and Criminology) p. 147
Law and Criminology in the Bachelor of Arts degree - see section 1
THE SCHOOL OF EDUCATION SUPPORTS AN ENERGETIC, DYNAMIC INTERDISCIPLINARY RESEARCH CULTURE WITH STAFF AND POSTGRADUATE STUDENTS ENGAGED IN RESEARCH COVERING ALL ASPECTS OF EDUCATION AND LEARNING.

Claire is studying the Professional Master of Education (PME) and is on track to become Ireland’s first blind secondary school teacher.

“The Access Office gave me tremendous encouragement and support and the lecturers too were great.”

CL AIRE SH OR TEN, GRADUATE

FOR SOCIETY, EDUCATION IS A MEANS OF SHAPING THE FUTURE AND EQUIPPING THE NEXT GENERATION TO FACE THE CHALLENGES THAT WILL EMERGE. AT MAYNOOTH UNIVERSITY WE ARE ENGAGED IN A BROAD RANGE OF EDUCATIONAL RESEARCH AND PROVIDE A SERIES OF COURSES AIMED AT CURRENT AND ASPIRING EDUCATION PROFESSIONALS.

EDUCATION Specialised Degrees

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<thead>
<tr>
<th>Code</th>
<th>Degree Description</th>
<th>Page</th>
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</thead>
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<td>MH001</td>
<td>B Ed Bachelor of Education - Primary Teaching</td>
<td>152</td>
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<td>MH002</td>
<td>B Ed Bachelor of Education - Primary Teaching (Gaeltacht Applicants)</td>
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<td>MH212 SED</td>
<td>BSc Science (with Education)</td>
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<tr>
<td>MH801</td>
<td>BA Early Childhood - Teaching and Learning (part-time)</td>
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</tr>
</tbody>
</table>
BEd Bachelor of Education – Froebel Primary Teaching
CAO Code: MH001/MH002* | CAO Points 2018: 499 (MH001)

There are two routes into primary teaching: the undergraduate B Ed route and the two-year postgraduate qualification known as the Professional Master of Education (PME) route; (see the Graduate Studies website for full details about this course). The Bachelor of Education (primary teaching) 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.
- As the Department is named after the famous educational ideologue, Friedrich Froebel, our programmes reflect his ideology by incorporating active, student-centred approaches to our teaching.

The Department also offers a second route into primary teaching through our Professional Master of Education (Primary). This is a postgraduate qualification and is a two year, full time course, which students apply for once they have graduated from their first degree. See the Graduate Studies website for details.

**Options after graduation**
- Graduates are eligible to register with the Teaching Council and are qualified to teach in primary schools in Ireland.
- Further training: Educational Psychology, Educational Management, Special Educational Needs: Master of Education.
- Other areas include volunteering in developing countries, authoring of educational texts, third level teacher education, civil service.

**Contact us**

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www.maynoothuniversity.ie/froebel

You might also like

MH011 Bachelor of Arts degree p. 38
PMEJoint Professional Master of Education (Primary): Students apply for this postgraduate course once they have completed their first degree. See the Graduate Studies website for more details.
Early Childhood Education p. 156

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BSc Science (with Education)
CAO Code: MH212 SED | CAO Points 2018: 434

If you would like to graduate with a second level teacher qualification to teach two science subjects then the BSc Science (with Education) is for you.

- Study for four years as an undergraduate for a two-subject Science degree, while also completing 60 credits in Education.
- After four years you are awarded a BSc Science (with Education) degree – a level 8 honours degree. To become a fully qualified teacher, you must complete one further year.
- Having graduated with the Level 8 BSc Science (with Education) degree for four years, you are guaranteed a place at the one level 9 Professional Master of Education. At the end of year five, you will be a fully qualified and registered second level science teacher.

**Why choose this degree?**

- By choosing this degree you will have a range of options open to you after four years. Having studied Science and Education for four years you are awarded a BSc Science (with Education) degree – a level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study which will result in the Level 9 Professional Master of Education degree. This extra year is required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects.
- Having completed the five years of the BSc Science (with Education) degree, students have a Professional Master of Education (PME)资格. Graduates from this programme are on an equal footing with graduates from the consecutive route (i.e. four year BSc followed by two year PMEd). Through this pathway you are fully qualified after five years rather than taking the six year route.

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**Possible topics**

<table>
<thead>
<tr>
<th>1st year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
</tr>
<tr>
<td>Chemistry</td>
</tr>
<tr>
<td>Physics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd year</th>
</tr>
</thead>
<tbody>
<tr>
<td>To become a fully qualified science teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education</td>
</tr>
</tbody>
</table>

**Course structure**

<table>
<thead>
<tr>
<th>3rd year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue with your 2 Science subjects (40 credits)</td>
</tr>
<tr>
<td>School Based Experience 1 (2 day per week)</td>
</tr>
<tr>
<td>Learning, Teaching, Assessment and Curriculum</td>
</tr>
<tr>
<td>The Foundations of Educational Thinking</td>
</tr>
<tr>
<td>Critical Reflections on Science and Mathematics Teaching and Learning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4th year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue with your 2 Science subjects (40 credits)</td>
</tr>
<tr>
<td>School Based Experience 3 (3 days per week in semester 1)</td>
</tr>
<tr>
<td>The Teacher as Critically Reflective Practitioner</td>
</tr>
<tr>
<td>Irish Education History, Policy and Legislation</td>
</tr>
<tr>
<td>Critical Reflections on Science and Mathematics Teaching and Learning</td>
</tr>
</tbody>
</table>

**Duration:** 4 years + 1 year postgraduate study

**Placement Option:** Placement is required

**Notes:** An offer of a place on the course is subject to a satisfactory background check by the National Vetting Bureau.

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You might also like
Early Childhood Education p. 156
Froebel Primary Education p. 152
Science BSc (MH001) p. 158

Up to 10 places per year are available in MH212 for students successfully completing their first year of MH001. Selection is on the basis of results and interview.
BSc Mathematics and Computer Science (with Education) | CAO Code: MH212 MCS | CAO Points 2018: New MH212 stream

CAO Code: MH212 MCS
CAO Points 2018: New MH212 stream
CAO Points Range 2017: 441-459 (MH212)
Places 2018: 50 (MH212)
Erasmus/Study Abroad Options: No
EU, UK & International Applicants: See p. 207

If you would like to graduate with a second level teacher qualification to teach Mathematics and Computer Science then the BSc: Mathematics and Computer Science (with Education) is for you.

Study for four years as an undergraduate for a Science degree, while also completing 60 credits in Education. After four years you are awarded a BSc Mathematics and Computer Science (with Education) degree – a level 8 honours degree. To become a fully qualified teacher, you must complete one further year.

Having graduated with the Level 8 BSc Mathematics and
Computer Science (with Education) degree after four years, you are guaranteed a place in year five - the one year Level 9 Professional Master of Education. At the end of year five, you will be a fully qualified and registered second level teacher.

Why choose this degree?

By choosing this degree you will have a range of options open to you after four years. Having studied Mathematics, Computer Science and Education for four years you are awarded a BSc Mathematics and Computer Science (with Education) degree - a level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study, which will result in the Level 9 Professional Master of Education degree. This extra year is required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects.

Having completed the five years of the BSc Mathematics and Computer Science (with Education) degree, students have a Professional Master of Education (PME) qualification. From this programme you are on an equal footing with graduates from the consecutive route (i.e. four year BSc followed by two year PME). Through this pathway you are fully qualified after five years rather than taking the six year route.

Options after graduation?

After five years of study on the Mathematics and Computer Science (with Education) degree students have achieved a Level 9 Professional Master of Education teaching qualification in two subjects. Study for four years as an undergraduate for a two-subject Science degree, while also completing 60 credits in Education. After four years you are awarded a BSc Mathematics (with Education) degree - a level 8 honours degree. To become a fully qualified teacher, you must complete one further year.

Having graduated with the Level 8 BSc Mathematics (with Education) degree after four years, you are guaranteed a place in year five - the one year Level 9 Professional Master of Education. At the end of year five, you will be a fully qualified and registered second level teacher.

Why choose this degree?

By choosing this degree you will have a range of options open to you after four years. Having studied Mathematics and Education for four years you are awarded a BSc Mathematics (with Education) degree - a level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study, which will result in the Level 9 Professional Master of Education degree. This extra year is required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects.

Having completed the five years of the BSc Mathematics (with Education) degree, students have a Professional Master of Education (PME). Graduates from this programme are on an equal footing with graduates from the consecutive route (i.e. four year BSc followed by two year PME). Through this pathway you are fully qualified after five years rather than taking the six year route.

Possible topics

1st year

- Computer Science
- Mathematics
- Mathematical Physics

2nd year

- Experimental Physics

3rd year

- Continue with Mathematics and Computer Science (40 credits)
- School-Based Experience (2 day per week)

4th year

- Continue with Mathematics and Computer Science (40 credits)
- School-Based Experience (2 day per week)
- LED (in September and 1 day per week in semester 1)

Final year

- School-Based Experience 4 (3 days per week in school)
- LED, Assessment, Curriculum, Teaching and Learning

Possible topics

1st year

- Mathematical Physics
- School-Based Experience

2nd year

- Experimental Physics
- School-Based Experience

3rd year

- Continue with Applied Mathematics or Mathematics (PME) (40 credits)
- School-Based Experience 2 (1 day per week)

4th year

- Continue with Applied Mathematics or Mathematics (PME) (40 credits)
- School-Based Experience 2 (1 day per week)

Possible topics

1st year

- Computer Science

2nd year

- Introduction to Teaching, Critical Reflections on Science and Mathematics Teaching and Learning

3rd year

- Critical Reflections on Science and Mathematics Teaching and Learning

4th year

- Critical Reflections on Science and Mathematics Teaching and Learning
BA Early Childhood - Teaching and Learning (part-time)

CAO Code: MH801 | CAO Points 2018: 356

- Part-time, level 8 honours degree, which is delivered over evenings, some Saturdays and two one-week blocks, offered in partnership with Early Childhood Ireland.

The programme was originally designed to provide flexible learning opportunities for those already working in Tusla/DES-notified early childhood settings but it also caters for those aspiring to enter the sector from Leaving Certificate and further education paths. This level 8 Bachelor's degree allows you to work and study simultaneously.

Why choose this degree?
- The programme is delivered in partnership with Early Childhood Ireland; a leading organisation in Ireland focused on the development, delivery and advocacy of early childhood care and education.
- Work placements take place in Tusla/DES-notified early childhood settings to include opportunities within policy development and evaluation agencies.
- A flexible and progressive part-time level 8 degree where relevant prior learning is recognised.
- You would like the option of progressing your career in early childhood in varied professional roles.

Options after graduation?
- Graduates emerge as early years teaching professionals. Career progression within this sector, for those with this kind of degree, is expanding rapidly beyond early childhood care and education settings to include opportunities within policy development and evaluation agencies within the Department of Education and Skills.

The Bachelor of Arts in Early Childhood Teaching and Learning positions graduates to spearhead and lead learning in Early Childhood Care and Education (ECCE) services.
- Graduates may also take up roles with local development agencies within the early childhood sector both nationally and internationally.

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Find us on Twitter

You might also like
- Master in Education with Early Years Specialism: (full or part-time options available)
- PME Professional Master of Education (Primary): This is a postgraduate route into Primary Teaching. Students apply for this postgraduate course once they have completed their first degree. An Early Childhood Teaching and Learning degree meets the eligibility criteria to apply. See Graduate Studies website for more details.

Course structure

Module includes: exploring curricula and pedagogy, play, learning and development, reflective practice, supporting creativity and imagination.

Professional work placement practice

Possible topics

First year
- Reflective Practice: Learning to Learn
- Learning & Development: Perspectives
- Play
- Children’s Well-Being
- Philosophy, Culture & Constructions of ECCE
- Building Relationships with Children, Families and Communities
- Exploring Curricula & Pedagogy
- Professional Practice

Second year
- Reflective Practice: Integrating Theory & Practice
- Learning & Development: Practices
- Social Justice, Ethics & Diversity
- Supporting Enquiry/Enacting the Curriculum
- Children’s Spaces
- Social & legal Context of Childhood
- Supporting Creativity & Imagination
- Professional Practice 2

Final year
- Reflective Practice: Research & Dissertation
- Learning & Development: Challenges
- Leading Practice
- Curriculum, Pedagogy & Assessment
- Transitions in ECCE
- Dominant Discourses
- Literacy, Numeracy & Scientific Enquiry
- Professional Practice 3

Contact us
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Leon is the current Maynooth Students’ Union President and was the first in his family to attend university, having applied through the HEAR programme. He graduated in 2017 with his Psychology degree. He volunteers each year to assist with the Access Office’s Launchpad Programme which assists students in their transition to third level at Maynooth University.

**Leon Diop, BSc Psychology**
MH201 Bachelor of Science Degree

By studying Science at Maynooth, you are joining a research tradition that can trace its roots to the first professors of the Royal College of St Patrick, founded in 1785. The Faculty of Science and Engineering at Maynooth University now comprises the Departments of Biology, Chemistry, Computer Science, Electronic Engineering, Experimental Physics, Mathematics, Statistics, and Psychology.

Research interests of the Departments within the Faculty of Science and Engineering include:
- Biology: Bioinformatics, Immunology, Medical Mycology, Molecular Genetics and Plant Biotechnology.
- Experimental Physics: Terahertz Space Optics, Far Infrared Astronomy, Cosmology, Molecular Physics.
- Theoretical Physics: Elementary Particle Physics and Quantum Field Theory, Dynamical Systems, Classical and Quantum Chaos and Quantum Information Science.

How the Bachelor of Science degree works

- Four subjects in 1st year, one of which is Mathematics. Students choose their three other science subjects from the seven subjects available which may include Critical Skills.
- 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.
- As is the case with the majority of our degrees, students can choose Critical Skills in 1st year. This is an optional 15 credit course, only available to 1st year, which focuses on developing skills such as effective communication, creative thinking and problem solving - skills that will benefit you in learning, employment and in life. See page 13 for more details. Note that Data Science may not be taken with Critical Skills.
- 2nd year - continue with three of your 1st year subjects. There are transfer pathways to other degrees such as MH212 Science (with Education), Mathematics and Computer Science (with Education), Mathematics (with Education), MH602 Computer Science and Software Engineering and MH304 Electronic Engineering. The transfer criteria are set out in the following pages in each relevant section.
- 3rd year - continue with two subjects.
- 4th year - continue with one or two subjects.

Options after graduation?

As a student of science or engineering at Maynooth, you will have access to leading researchers working in research institutes including the Calán Institute, Hamilton Institute, Institute of Immunology and National Centre for Geocomputation – all of which are associated with the Faculty.

You will develop strong problem-solving and analytical skills during your degree with your theoretical knowledge reinforced through practical sessions in our state-of-the-art laboratories. You will develop advanced teamwork, leadership, and numeracy skills – all of which are highly valued in many sectors of the labour market.

The industries/sectors employing science graduates include:
- Agriculture
- Aerospace
- Biomedical
- Biotechnology
- Chemical
- Diagnostics
- Energy
- Environmental consultancy
- Food processing
- Hospitals
- ICT

You might also like

We offer a range of specialised science and engineering degrees. See sections 7 & 9.

CAO Points Range 2017: 380-425

MH201 Bachelor of Science Degree (continued)
### Biology

**Why choose this degree?**

- **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 and distribution**.
- **Biology** is the study of life - everything from the tiniest microbe to entire ecosystems that spread across the planet.
- Many of these fields overlap, for example, to study animals (zoology) it's also important to know about evolution, physiology and ecology. To study cellular biology, it's important to know about biochemistry and molecular biology as well.

**Course structure**

**1st year**
- Biology
- Mathematics
- 2 other Science subjects (Chemistry, Computer Science, Data Science, Experimental Physics, Mathematical Physics) or 1 Science subject plus Critical Skills

**2nd year**
- Biology
- Chemistry
- Mathematics
- 2 other Science subjects (including Critical Skills)

**3rd year**
- Biology
- Chemistry
- Mathematics
- 2 other Science subjects (including Critical Skills)

**Final year**
- Biology and Chemistry may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

**Course topics**

- Cells and organisms and how they function
- Biochemistry / Animal Physiology
- Evolutionary Biology / Molecular Biology of the Cell
- Immuno/Biochemistry / Molecular Biology / Immunology / Ecology
- Microbiology / Plant Biology / Biotechnology / Molecular Biology

**Possible topics**

- An introduction to chemistry along with chemistry in solution, the periodic table, an introduction to reaction mechanisms and stoichiometry, and experimental/practical chemistry
- Stereochemistry, synthesis, analytical chemistry, rates of reactions, metal based chemistry, and experimental/practical chemistry
- Inorganic chemistry, metals and the periodic table, organic chemistry, amino acid and peptide chemistry, analytical chemistry and chromatography, electrochemistry, and experimental/practical chemistry

**Options after graduation?**

- Careers in the food, fermentation, and pharmaceutical industries (particularly if Chemistry also taken).
- Employment in the Wild Life Service, fisheries, agricultural institutes and teaching is also possible.
- A strong foundation for a career in areas such as management, banking, administration, sales, accountancy, education, publishing, research, and science writing.

*Contact us*

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Email: biology.department@mu.ie
Website: www.maynoothuniversity.ie/biology

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### Chemistry

**Why choose this degree?**

- **The pharmo-chemical industry in Ireland employs more than 25,000 people and produces €91 billion in annual exports. Chemists work in pharmaceutical and biotechnology companies, agrochemical firms, oil companies 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.

**Course structure**

**1st year**
- Chemistry
- Mathematics
- 2 other Science subjects (including Critical Skills)

**2nd year**
- Continue with Chemistry plus 2 of your 1st year subjects
- Option of critical credit

**3rd year**
- Continue with Chemistry plus 1 of your 2nd year subjects

**Final year**
- May be taken as a Single Major or as a Double Major with the other subject taken in 3rd year

**Possible topics**

- An introduction to chemistry along with chemistry in solution, the periodic table, an introduction to reaction mechanisms and stoichiometry, and experimental/practical chemistry
- Stereochemistry, synthesis, analytical chemistry, rates of reactions, metal based chemistry, and experimental/practical chemistry
- Inorganic chemistry, metals and the periodic table, organic chemistry, amino acid and peptide chemistry, analytical chemistry and chromatography, electrochemistry, and experimental/practical chemistry

*Options after graduation?*

- The chemical industry in Ireland employs more than 25,000 people and produces €91 billion in annual exports. Chemists work in pharmaceutical and biotechnology companies, agrochemical firms, oil companies 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.

*Contact us*

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### Overview of the BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 165
Computer Science

Overview of the BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 165.

- Computer Science at Maynooth University is the study of all the essentials of computers and software.
- Students enjoy the huge benefit of studying other Science subjects with Computer Science in first year with options to take different degree paths afterwards.
- Advanced topics such as computer vision, theoretical computer science, robotics, cryptography and artificial intelligence may be studied, depending on the pathway students take.

Why choose this degree?

- Students enjoy the huge benefit of studying other Science subjects with Computer Science in first year. This lends itself to becoming a very well-rounded graduate.
- 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 new laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and practical work.
- We endeavour to provide a supportive and enjoyable atmosphere for learning through our Programming Support Centre, extensive outreach activities and we are always available outside of lectures to help our students.

Options after graduation?

- Graphical interface design, medical imaging, video-based information systems, multimedia systems development, electronic publishing, computer assisted translation, e-learning systems development, games development, website design, student design, software development.
- Non-computing industries: financial services, business and administration, health services, and the automobile and aeronautics sectors.
- Computer Science is a teaching subject at second level and therefore a career in education may also be possible.
- Postgraduate options currently include: Double MSc in Dependable Software Systems (with University of St Andrews, Scotland and Université de Lorraine, France) / MSc Computer Science (Software Engineering) / MSc Geocomputation.

Maynooth Education

- Critical Skills Option | Electives Option
- See p. 13 for details

Contact us

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Computer Science is also available in

MH602 CSS: BSc Computer Science and Software Engineering
(through Science) p. 186
MH602 MWS: BSc Multimedia, Mobile and Web Development
(through Science) p. 187

Course structure

1st year
- Either 15 or 30 credits of Computer Science is taken with Mathematics (Mathematics must be taken with Computer Science in 1st year)
- Plus choose 1 or 2 other Science subjects (Biology, Chemistry, Data Science, Engineering Science, Experimental Physics, Mathematical Physics or Critical Skills & 1 Science subject

2nd year
- Computer Science, Mathematics
- Mathematics must be taken in Computer Science in 2nd year
- Optional 10 credit Elective in 2nd year (see p. 13 for details)

3rd year
- Computer Science
- Plus another 120 credits from 2nd year

Final year
- Computer Science
- 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 Applied Mathematics in 3rd year

Possible topics

1st year
- Introduction to programming
- Operating systems and computer science theory

2nd year
- Computer Architecture
- Software Engineering
- Testing
- Networks
- Web Information Processing

Final year
- Theory of Computation
- Programming Language Semantics
- Complexity
- Choice of CS topics

Engineering Science

Overview of the BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 165.

- If you are one of those people who looks at everyday electronic items and wonders “how does that work?”, then Engineering Science/Electronic Engineering is for you.
- 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.
- First year Engineering Science students are eligible to transfer into year 2 of the BE Electronic Engineering, based on their performance in Mathematics and Computer Science in first year examinations in the first sitting, subject to Head of Department approval.

Why choose this degree?

- 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.

Options 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 targeting 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.

Maynooth Education

- Critical Skills Option | Electives Option
- See p. 13 for details

Contact us

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Find us on Twitter

Engineering is also available in

MH604 BE Electronic Engineering, 192
MH606 BSc Robotics and Intelligent Devices, p. 194

Course structure

1st year
- Engineering Science is taken with Mathematics, Computer Science and 1 other Science subject
- From Chemistry, Data Science, Experimental Physics, Mathematical Physics or Critical Skills

2nd year
- Students take Engineering Science, Mathematics and another subject
- Optional 10 credit Elective in 2nd year (see p. 13 for details)

3rd year
- Continue with 2 Science subjects

Possible topics

1st year
- Electronic Engineering Fundamentals
- Introduction to Systems & Control

2nd year
- Introduction to Signal Processing
- Electromagnetic Fields and Machines

Final year
- You choose between Engineering Science as a Single Major or a Double Major degree
- Available Science subjects in conjunction with Engineering Science: Mathematics, Chemistry, Computer Science, Experimental Physics, Mathematical Physics or Statistics
- Students who attain 50% or better in their 1st sitting in their 1st year exams (towards Engineering Science, Mathematics and Computer Science) have the option of transferring to the second year of the BE Electronic Engineering degree.

OR Final year Single Major
- 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)
Experimental Physics

Overview of the BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 165.

- 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.

Why choose this degree?

- Maynooth University has a long tradition of excellence in Experimental Physics; the inventor of the induction coil, Nicholas Callan, was a 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.
- Facilities at Maynooth University 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.
- 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.

Options 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 physics, atomic and molecular physics, imaging with THz radiation and fluid dynamics.

Maynooth Education

Critical Skills Option | Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Experimental Physics, Science Building
physics.department@mu.ie
www.maynoothuniversity.ie/experimental-physics

Mathematical Physics

Overview of the BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 165.

- 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 mathematics and computer science to genetics and brain studies.

Why choose this degree?

- 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.

Options after graduation?

- Physics and mathematical science graduates work with analytical and problem-solving skills in a 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 multidisciplinary fields such as nanotechnology, biophysics, financial mathematics, or medical physics. Current postgraduate study options in the Department include an MSc in Mathematical and Computational Physics.

Maynooth Education

Critical Skills Option | Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Theoretical Physics, Science Building
joanivar@thphys.maynoothuniversity.ie
See p. 13 for details

Mathematical Physics is also available in
Mathematical Physics in the Bachelor of Arts degree - see section 1
MH206: BSc Theoretical Physics and Mathematics p. 174
MH212: BSc Mathematics (with Education) p. 181

Course structure

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Experimental Physics</td>
<td>- Mathematics</td>
<td>- Mathematics</td>
<td>- Experimental Physics</td>
</tr>
<tr>
<td>Plus choose 2 other Science subjects (Biology, Chemistry, Computer Science, Data Science, Engineering Science, Mathematical Physics) or Critical Skills</td>
<td>- Experimental Physics</td>
<td>- Experimental Physics</td>
<td>- Experimental Physics</td>
</tr>
<tr>
<td>- Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
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<td>- Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
<td>- Optional 10 credit Elective in 2nd year (see p. 13 for details)</td>
</tr>
</tbody>
</table>

Possible topics

1st 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

2nd year
- Celestial Mechanics and Relativity
- Electronics
- Quantum Mechanics
- Applied Electromagnetics
- Thermodynamics and Statistical Mechanics
- Introduction to Computational Physics

3rd year
- Nuclear, Radiation and Particle Physics
- Force
- Electromagnetic Radiation
- Physics of Atoms and Quanta
- Solid State Physics
- Particle Physics
- Individual Project

Final year
- Quantum information processing
- Statistical mechanics
- Astrophysics and cosmology
- Particle Physics
- Complex analysis
- Partial differential equations
- Computational physics
- Quantum information processing
- Condensed matter theory

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
Mathematics

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 to the more concrete areas of the subject. Mathematical backgrounds, from the intensive Pure Mathematics section 1 to the more abstract and applied Mathematics (Applied), provide 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 options at Maynooth include: MSc or PhD in Mathematics or Statistics/Higher Diploma in Statistics or Mathematics/MA in Mathematics/Higher Diploma in Data Analytics/MSc in Data Science & Analytics.

Why choose this degree?

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.

The Department offers multiple programmes to suit a range of Mathematics 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.

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.

Options 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. 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 options at Maynooth include: MSc or PhD in Mathematics or Statistics/Higher Diploma in Statistics or Mathematics/MA in Mathematics/Higher Diploma in Data Analytics/MSc in Data Science & Analytics.

Maynooth Education

Critical Skills Option | Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Mathematics and Statistics, Logic House
mathstats@mu.ie + 353 1 708 3914
www.mathstats.mu.ie/maths-and-statistics

Mathematics (Pure) is also available in The Bachelor of Arts degree - see section 1

MH201: BSc Theoretical Physics and Mathematics p. 174
MH128 SED: BSc Science (with Education) or BSc Mathematics and Computer Science (with Education) or BSc Mathematics (with Education) - see section 7

Mathematics (Applied) is also available in MH128 SED: BSc Science (with Education) or BSc Mathematics (with Education) - see section 7

Mathematical Studies is available in The Bachelor of Arts degree - see section 1

Statistics

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, drone analytics, biodiversity loss or designing medical products.

Why choose this degree?

We offer Data Science as a subject in year 1 and Statistics as a subject in years 2 to 4. 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 you can easily combine your other scientific interests with Statistics.

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. Taking Data Science in year 1, and Statistics in some years or through to degree level will strongly enhance your employability and skill set as a scientist.

Options after graduation?

Critical thinking, analysis and being able to adapt 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.

Course structure

1st year
- Mathematics and 3 other Science subjects (choose from Biology, Chemistry, Computer Science, Data Science, Experimental Physics & Mathematical Physics) or 2 Science subjects & Critical Skills

2nd year
- Mathematics and 2 other subjects (Optional 10 credit Elective in 2nd year, see p. 13 for details)

3rd year
- Mathematics (Pure) or Mathematics (Applied) and 1 other subject studied in 2nd year

Possible topics

1st year
- Linear Algebra

2nd year
- Calculus

3rd year

Final year
- Mathematics (Applied): Graph Theory, Numerical Analysis, Geometry, Group Theory, etc

Statistics

Overview of the BSc Bachelor of Science degree MH101 and minimum entry requirements see p. 165.

Postgraduate study is also possible: we currently offer Masters or PhD in Statistics, Computing or Finance.

Maynooth Education

Critical Skills Option | Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Mathematics and Statistics, Logic House
mathstats@mu.ie + 353 1 708 3914
www.maths.smu.ie/mathematics-and-statistics

You might also like

Computer Science p. 164
Data Science p. 175
Quantitative Finance p. 132
Statistics in Arts MH101 p. 115

Course structure

1st year
- Introduction to Data Science 1

2nd year
- Data Analysis

Possible topics

1st year
- Introduction to Data Science 1

2nd year
- Analysis and Design of Experiments - Nonparametric Statistics

Final year
- Advanced R programming

Time Series

R programming for Statistics and Data Science

Advanced R programming

Bayesian Data Analysis

Statistical Machine Learning

Statistical Inference

Categorical Project
"Studying the BSc Pharmaceutical and Biomedical Chemistry has allowed me to develop skills that are highly sought after by the pharma industry. The six months I spent on work placement in Astellas, as part of final year, gave me invaluable industry experience. I enjoyed my time as president of the Chemistry Society as well as participating in a number of sporting events, and even winning medals, for the University. I graduated in June 2018 and am pursuing a PhD programme with the Chemistry Department."

CAITLIN BOYLAN, GRADUATE

RESEARCH AT MAYNOOTH UNIVERSITY IS FOCUSED ON UNDERSTANDING THE FUNDAMENTAL ASPECTS OF HEALTH AND DISEASE.

OUR RESEARCH TEAMS COLLABORATE WITH INTERNATIONAL ACADEMICS, HEALTHCARE PROVIDERS AND INDUSTRY TO DISCOVER NEW WAYS TO TACKLE DISEASE, AND TO TRANSLATE OUR DISCOVERIES INTO NOVEL MEDICINES, PROCEDURES AND POLICIES.

SCIENCE Specialised Degrees

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<th>Code</th>
<th>Degree Name</th>
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<td>MH204</td>
<td>BSc Physics with Astrophysics</td>
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<td>BSc Theoretical Physics and Mathematics</td>
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<td>MH207</td>
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<td>MH212 SED</td>
<td>BSc Science (with Education)</td>
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</tr>
<tr>
<td>MH212 MCS</td>
<td>BSc Mathematics and Computer Science (with Education)</td>
<td>180</td>
</tr>
<tr>
<td>MH212 MED</td>
<td>BSc Mathematics (with Education)</td>
<td>181</td>
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</table>
### Section 6 – Science

**Biotechnology** describes how we can gain an understanding of biological processes and explores how they can be exploited for beneficial and commercial purposes.

Biotechnology explores the nature of biological molecules, how they are synthesised and how they can be produced, in culture systems, using living cells. It covers all aspects of modern molecular biology including recombinant DNA technology, antibody production and uses, and animal cell culture. It covers disciplines including genetics, molecular biology, immunology, molecular microbiology, biochemistry, and cell biology.

**Why choose this degree?**

- You’re interested in working to produce new drugs at the cutting edge of medical research (for example, antibodies used to treat cancers, or vaccines to prevent cervical cancer or hepatitis B), to develop new diagnostic systems for human or animal health and to improve food production.
- You’ll reinforce your theoretical studies with practical laboratory sessions, visits to industrial firms, and ideally a placement in a biotech company (subject to availability).

**Options after graduation?**

Graduates typically work in producing new drugs at the cutting edge of medical research, for example, antibodies used to treat cancers, or vaccines to prevent cervical cancer or hepatitis B, to develop new diagnostic systems for human or animal health and to improve food production.

We currently offer the following postgraduate courses:

- MSc Biotechnology (Research)
- MSc Immunology and Global Health (Taught)
- PhD Biology

**Maynooth Education**

Critical Skills Option | Electives Option
See p. 13 for details

**Contact us**

Maynooth University Department of Biotechnology, Callan Building

Email: biology.department@mu.ie

+353 1 708 6161

www.maynoothuniversity.ie/biology

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### Section 7 – Science Specialised Degrees

**MSc Biotechnology**

CAO Code: MH202 | CAO Points 2018: 429

**Course structure**

**1st year**
- Biology, Chemistry, Mathematics and 1 other Science subject (Experimental Physics or Mathematical Physics) or Critical Skills

**2nd year**
- Concentrate on Biotechnology, Chemistry, and 1 of the other 2 subjects you studied in 1st year (excluding Critical Skills)
- Optional 10 credit Electives (see p. 13 for details)

**3rd year**
- Focus mainly on Biotechnology and Chemistry

**Final year**
- Concentrate on Biotechnology and Industry work placement (subject to availability)

**Possible topics**

**1st year**
- From cell to organ
- Biological function and diversity
- Biochemistry

**2nd year**
- Biotechnology processes
- Cellular biotechnology
- Molecular biology
- Scientific communication

**3rd year**
- Genomics and Proteomics
- Molecular biology
- Food biotechnology
- Business biotechnology
- Industry work placement (subject to availability)

**MSc Physics with Astrophysics**

CAO Code: MH204 | CAO Points 2018: 425

**Course structure**

**1st year**
- Physics with Astrophysics
- Mathematics

**2nd year**
- Physics with Astrophysics
- Continuous with 2 of your 1st year subjects
- Optional 10 credit Electives (see p. 13 for details)

**3rd year**
- Physics with Astrophysics
- Continuous with 1 of your 2nd year subjects

**Final year**
- Students take Physics with Astrophysics only

**Possible topics**

**1st 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

**2nd year**
- Electricity and Magnetism
- Classical Mechanics and Relativity
- Celestial Mechanics and Relativity

**3rd year**
- Quantum Physics
- Quantitative Methods
- Stellar Structure and Evolution
- Spectroscopy and Stellar Atmospheres
- X-ray Astronomy

**Contact us**

Maynooth University Department of Physics,
Science Building

Email: physics.department@mu.ie

+353 1 708 3641

www.maynoothuniversity.ie/physics

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You might also like

- Computational Thinking p. 188
- Experimental Physics p. 166
- Theoretical Physics and Mathematics p. 174

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Full degree and module detail on our Course Finder [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat
CAO Code: MH206 | CAO Points 2018: 509

**BSc Theoretical Physics and Mathematics**

**Why choose this degree?**

- 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.
- Take a degree where you are prepared in research in Mathematics and Theoretical Physics and their applications in science and technology.

**Options 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.

**Course structure**

- **Accelerated 3-year degree**
  - Students enter directly into the 2nd year of the standard 4-year Mathematics and Physics programme and take a more challenging Mathematics programme beginning in first year.

- **2nd and 3rd years**
  - Students concentrate on Theoretical Physics and Mathematics for each of the 3 years of the degree.
  - Given the accelerated nature of this programme, a H6 grade in Leaving Certificate Mathematics is required for entry. You require 50% in Maths (Pure) to proceed to 2nd year. You continue with Mathematics Studies in 2nd year if you attain less than 50%.

**Possible topics**

1st year
- Einstein’s Relativity
- Electromagnetism
- Waves and Harmonics
- Thermal Physics
- Vector Calculus
- Classical Mechanics
- Integration
- Analysis
- Finite Mathematics
- Linear Algebra
- Geometry

2nd year
- Quantum Mechanics
- Statistical Mechanics
- Differential Equations
- Advanced Electromagnetism
- Computational Physics
- Real and Complex Analysis
- Metric Spaces
- Graph Theory
- Rings and Fields

3rd year
- Topology
- Group Theory
- Number Theory
- Differential Geometry
- Probability Theory, and other mathematical topics

**Final year**
- Students take 60 credits from modules in Theoretical Physics and Mathematics for each of the 3 years of the degree.

**You might also like**

- Astrophysics p. 173
- Computational Thinking p. 188
- Experimental Physics p. 166

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CAO Code: MH207 | CAO Points 2018: New Degree

**BSc Data Science**

**Why choose this degree?**

- Do 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.

**Data Science**

- Data Science students study 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.

**Options after graduation?**

- Employment opportunities across a wide range of fields (science, health, business etc) will be abundant for graduates of this degree programme. Graduates with Data Science skills are in short supply and the skill set is in high demand. There will be a wide range of opportunities open to graduates from this programme.

- We offer a range of postgraduate courses which currently include:
  - Masters or PhD in Statistics and Computer Science
  - Maynooth Education Critical Skills Option
  - See p. 13 for details

**Course structure**

1st year
- Students take a specialised Data Science subject alongside Computer Science, Mathematics and choose one other subject from Electrical Engineering, (additional) Computer Science, or Critical Skills

2nd year
- Statistics, Computer Science and Mathematics

3rd year
- Statistics and Computer Science are taken

Final year
- Statistics and Computer Science are taken
- Students will undertake two capstone projects

**Possible topics**

1st year
- Introduction to Data Science 1 & 2
- Probability
- Linear Models
- Time Series
- Programming for Data Science
- Machine Learning
- Robustness & Automation
- Artificial Intelligence and Language Processing
- Machine Learning and Natural Networks

2nd year
- Data Analysis
- Data Mining
- Algorithms and Data Structures 1 & 2
- Operating Systems, Communications and Concurrency
- Introduction to Statistics
- Calculus
- Linear Algebra

3rd year
- Probability
- Linear Models
- Time Series
- Programming for Data Science
- Software Engineering and Software Process
- Machine Learning and Natural Networks

**You might also like**

- Computational Thinking MH403 p. 188
- Quantitative Finance MH402 p. 132
- Statistics in MH101 p. 114
- Statistics in MH201 p. 169

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Full degree and module detail on our Course Finder [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat

Full degree and module detail on our Course Finder [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat
BSc Biological and Biomedical Sciences  
CAO Code: MH208 | CAO Points 2018: 445

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 medical/clinical use.

You will learn how to use analytical and technical procedures to monitor and improve human health and to investigate disease.

You will study the science that is broadly similar to the pre-clinical component of a medical degree.

You will also learn how to ask questions, make observations, and analyse evidence – in theory work and through practical laboratory sessions – and to present and communicate your findings clearly while developing your computer literacy and research skills.

Why choose this degree?

The main strengths of the Department include Biological Control, Bioinformatics, Immunology, Medical Mycology, Molecular Genetics and Plant Biotechnology and staff have international reputations in these areas. New appointments in the Department have consolidated research strengths in Immunology and Protein Chemistry.

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.

Options 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.

We currently offer the following postgraduate courses:

- MSc Biotechnology (Research)
- MSc Immunology and Global Health (Taught)
- PhD Biology

Maynooth Education

Critical Skills Option | Electives Option

See p. 13 for details

Contact us

Maynooth University Department of Biology, Callan Building
Email: terry.roche@mu.ie
Tel: +353 1 708 6161
www.maynoothuniversity.ie/biology

You might also like

- Biology in BSc Science (MH201) p. 162
- Biotechnology p. 172
- Pharmaceutical and Biomedical Chemistry p. 178

Course structure

1st year
- >30 credits of Biology in 1st year; Mathematics and 1 other Science or Arts subject, or Critical Skills. Available Science subjects are Chemistry, Computer Science or Experimental Physics. Comparable Arts subjects: Anthropology, Business (Management), Business (Marketing), Economics, Finance or Spanish.

2nd year
- >Concentrate on Biology and Biomedical Science, along with Mathematics, Chemistry, Computer Science or Experimental Physics (if taken in 1st year). Mathematics is taken if you choose an Arts subject or Critical Skills in 1st year
- >Optional 10 credit Electives available in second year (see p. 13 for details)

3rd & Final year
- >Choose from a range of Biological and Biomedical Science topics depending on your preferences

Possible topics

1st year
- From Cells to Organism: Biological Function and Diversity, Human Biology, Mechanisms of Human Disease

2nd year
- >Biochemistry: Cellular, Biotechnology: Immunology, Evolutionary Biology, Molecular Biology: Environmental Biology, Animal Physiology
- >Molecular Pharmacology & Toxicology, Molecular Biotechnology, Animal Behaviour, Microbiology, Immunology: Molecular Biology, Ecology, Proteomics

Final year
- >Psychology and Psychological Research Methods
- >Experimental Psychology
- >Molecular Pharmacology & Toxicology, Immunology: Molecular Biology, Ecology, Proteomics

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat

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BSc Psychology (through Science)  
CAO Code: MH209 | CAO Points 2018: 467

Psychology is the scientific study of human mental life and behaviour. It involves areas such as Brain and Behaviour, Social Psychology, Cognitive Psychology, Developmental Psychology and Psychological Research Methods.

Students graduate with a Psychological Society of Ireland (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).

Why choose this degree?

You are interested in studying the human mind and behaviours with the rigours of scientific testing.

You wish to use research methods including observation, measurement, hypothesis testing, experimentation, logical inference and statistical analysis.

If your ambition is to have a career as a professional psychologist, you will be interested in the variety of career paths are available, both within and outside psychology that an accredited Psychology degree opens up.

Options after graduation?

A variety of career paths are available, both within and outside psychology. If your ambition is 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; and Organisational Psychologists, who work in business and work settings.

Maynooth Education

Critical Skills Option | Electives Option

See p. 13 for details

Contact us

Maynooth University Department of Psychology, John Hume Building
Email: psychology.deptimu.ie
Tel: +353 1 708 6311
www.maynoothuniversity.ie/psychology

You might also like

- Anthropology p. 46
- Psychological Studies in Arts (MH101) - see section 1
- Psychology MH106 p. 119

Course structure

1st year
- >Psychology
- >Mathematics
- >1 other subject or Critical Skills, except Mathematical Physics

2nd year
- >Psychology as a Single Major subject
- >Optional 10 credit Elective in 2nd year (see p. 13 for details)

3rd year
- >20 credits of Psychology (subject to availability)
- >1 semester on work placement or studying abroad
- >1 semester on a research internship

Final year
- >Psychology studied as a Single Major subject

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
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 taught with: Mathematics, Biology and one other Science subject or Critical Skills in first year, with Biology and Mathematics or Electives 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), as well as take courses in Chemistry, Pharmaceutical and Biomedical Chemistry and Biology.

Why choose this degree?

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.

You will have the opportunity to go on site visits to the workings of pharmaceutical companies. A six-month work placement/internship, subject to availability, will give you an insight into the working environment of a professional chemist and help you to improve your career prospects.

This innovative programme develops skills in problem-solving, communication, scientific writing and presentation – all highly valued in the workforce. These transferrable skills will help provide employment opportunities in Chemistry and non-chemistry based careers.

Options after graduation?

A Level 8 (Honours) degree in Chemistry, or an Allied Science degree, will equip you with the scientific knowledge and practical experience employers are looking for.

Employment in the business sector and government organisations e.g. forensic science, journalism and the health sector.

Employment in the business sector and government organisations e.g. forensic science, journalism and the health sector.

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

Maynooth Education

Critical Skills Option | Electives Option

Contact us

Maynooth University Department of Chemistry, Science Building
chemistry.department@mu.ie

www.maynoothuniversity.ie/chemistry

You might also like

Biotechnology p. 172

Chemistry in BSc Science (MH201) - see section 6

Science Education p. 179

Maynooth University Department of Chemistry, Science Building
chemistry.department@mu.ie

www.maynoothuniversity.ie/chemistry

You might also like

BSc Pharmaceutical and Biomedical Chemistry

CAO Code: MH210 | CAO Points 2018: 446

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 taught with: Mathematics, Biology and one other Science subject or Critical Skills in first year, with Biology and Mathematics or Electives 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), as well as take courses in Chemistry, Pharmaceutical and Biomedical Chemistry and Biology.

Why choose this degree?

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.

You will have the opportunity to go on site visits to the workings of pharmaceutical companies. A six-month work placement/internship, subject to availability, will give you an insight into the working environment of a professional chemist and help you to improve your career prospects.

This innovative programme develops skills in problem-solving, communication, scientific writing and presentation – all highly valued in the workforce. These transferrable skills will help provide employment opportunities in Chemistry and non-chemistry based careers.

Options after graduation?

The pharm-chemical industry in Ireland employs more than 25,000 people and produces €36m in annual exports. Chemists work in pharmaceutical and biotechnology companies, agrochemical firms, oil companies and manufacturers of detergents, paints and cosmetics.

Employment in the business sector and government organisations e.g. forensic science, journalism and the health sector.

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

Maynooth Education

Critical Skills Option | Electives Option

Contact us

Maynooth University Department of Chemistry, Science Building
chemistry.department@mu.ie

www.maynoothuniversity.ie/chemistry

You might also like

Biotechnology p. 172

Chemistry in BSc Science (MH201) - see section 6

Science Education p. 179

Maynooth University Department of Chemistry, Science Building
chemistry.department@mu.ie

www.maynoothuniversity.ie/chemistry

You might also like

BSc Science (with Education)

CAO Code: MH212 SED | CAO Points 2018: 434

If you would like to graduate with a second level teacher qualification to teach two science subjects then the BSc Science (with Education) is for you.

Study for four years as an undergraduate for a two-subject Science degree, and also completing 60 credits in Education. After four years you are awarded a BSc Science (with Education) degree – a level 8 honours degree. To become a fully qualified teacher, you must complete one further year.

Having graduated with the Level 8 BSc Science (with Education) degree after four years, you are guaranteed a place in year five - the one year Level 9 Professional Master of Education. At the end of year five, you will be fully qualified and registered second level science teacher.

Why choose this degree?

By choosing this degree you will have a range of options open to you after four years. Having studied Science and Education for four years you are awarded a BSc Science (with Education) degree – a level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study which will result in the Level 9 Professional Master of Education degree. This extra year is required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects.

Having completed the five years of the BSc Science (with Education) degree, students have a Professional Master of Education (PME). Graduates from this programme are on an equal footing with graduates from the consecutive route (i.e. four year BSc followed by two year PME). Through this pathway you are fully qualified after five years rather than taking the six year route.

Options after graduation?

After five years of study on the Science (with Education) degree students will have achieved a Level 9 Professional Master of Education (PME) teaching qualification in two subjects.

Graduates will be ready to accept a teaching position in a second level school. We offer a range of postgraduate courses which currently include:

Postgraduate Diploma in Educational Leadership and Management

Postgraduate Diploma in School Guidance Counselling

Masters degree in one of your subject areas

Contact us

Maynooth University Department of Education, School of Education
education.department@mu.ie

+353 1 708 3656

www.maynoothuniversity.ie/education

Find us on Twitter @BScEd

You might also like

Early Childhood Education p. 156

Fisfeal Primary Education p. 152

Science BSc (MH201) p. 158

Up to 10 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of results and interview.
### BSc Mathematics and Computer Science (with Education)

**CAO Code:** MH212 MCS  |  **CAO Points 2018:** New MH212 stream

**QGI Link:** None  |  **Leaving Certificates:** 2H6 & 4O6/H7, Irish, English & Science subject

<table>
<thead>
<tr>
<th>Module</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH212 MCS</td>
<td>50</td>
<td>Mathematics and Computer Science Teaching</td>
</tr>
</tbody>
</table>

**Placement Option:** Placement is required

*Students admitted to MH212 are required to have H4 Mathematics to register for MCS.*

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

**Course structure**

- After four years of concurrent Mathematics, Computer Science and Education studies, students may graduate with a Level 8 honours degree in Mathematics and Computer Science (with Education).

**Possible topics**

**1st year**

- Computer Science
- Mathematics
- Experimental Physics

**2nd year**

- Continue with Mathematics and Computer Science
- Introduction to Teaching
- Critical reflection on science and mathematics teaching and learning including school based experience in semester two
- The Learner and Learning

**3rd year**

- Continue with Mathematics and Computer Science (40 credits)
- School Based Experience 2 (1 day per week)
- Learning, Teaching, Assessment and Curriculum
- The Foundations of Educational Training
- Critical Reflections on Mathematics and Computer Science Teaching and Learning

**Final year**

- School Based Experience 4 (3 days per week in school)
- Teaching, Learning, Assessment and Curriculum
- The Practice of Teaching
- The Teacher as a Critical Reflective Practitioner
- The Teacher as part of a Professional Learning Community

After four years, the place in 5th year is guaranteed.

- To become a fully qualified Mathematics and Computer Science teacher, students must complete a 5th year of study at Masters level – the Professional Master of Education.

### Options after graduation

After five years of study on the Mathematics and Computer Science (with Education) degree students will have achieved a Level 9 Professional Master of Education (PME) teaching qualification in two subjects.

- You might also like

  - Fosbell Primary Education p. 152
  - Mathematics p. 168
  - Statistics p. 169

### Why choose this degree?

- By choosing this degree you will have a range of options open to you after four years. Having studied Mathematics, Computer Science and Education for four years you are awarded a BSc Mathematics and Computer Science (with Education) degree - a Level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study, which will result in the Level 9 Professional Master of Education degree.

### Course of study

- Having completed the five years of the BSc Mathematics and Computer Science (with Education) degree, students have a Professional Master of Education (PME). Graduates from this programme are on an equal footing with graduates from the consecutive route (i.e. four year BSc followed by two year PME). Through this pathway you are fully qualified after five years rather than taking the six year route.

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### BSc Mathematics (with Education)

**CAO Code:** MH212 MED  |  **CAO Points 2018:** 434

**QGI Link:** None  |  **Leaving Certificates:** 2H6 & 4O6/H7, Irish, English & Science subject

**CAO Points Range 2017:** 441-589

**Placements 2018:** 80 (MH212)

**Duration:** 4 years = 1 year postgraduate study

**Placement Option:** Placement is required

*Students admitted to MH212 are required to have H4 Mathematics to register for GES.*

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

**Course structure**

- After four years of concurrent Mathematics and Education studies, students may graduate with a Level 8 honours degree in Mathematics and Computer Science (with Education).

**Possible topics**

**1st year**

- Mathematics
- Mathematical Physics
- Experimental Physics
- Computer Science

**2nd year**

- Continue with Mathematics and Mathematical Physics
- Introduction to Teaching – Critical reflection on science and mathematics teaching and learning including school based experience in semester two
- The Learner and Learning

**3rd year**

- Continue with Applied Mathematics or Mathematical Physics (Pure or Applied 40 credits)
- School Based Experience 2 (1 day per week)
- Teaching, Learning, Assessment and Curriculum
- The Foundations of Educational Thinking
- Critical Reflections on Mathematics Teaching and Learning

**Final year**

- Continue with Applied Mathematics or Mathematical Physics (Pure or Applied 40 credits)
- School Based Experience 3 (2 weeks per semester block in September and 1 day per week in semester 1)
- Teaching, Learning, Assessment and Curriculum
- Critical Reflections on Mathematics Teaching and Learning

After four years, the place in 5th year is guaranteed.

- To become a fully qualified Mathematics and Applied Mathematics teacher, students must complete a 5th year of study at Masters level – the Professional Master of Education.

### Options after graduation

After five years of study on the Mathematics (Education) degree students will have achieved a Level 9 Professional Master of Education (PME) teaching qualification in two subjects. Graduates will be ready to accept a teaching position in a second level school. We offer a range of postgraduate courses which currently include:

- Postgraduate Diploma in Educational Leadership and Management
- Postgraduate Diploma in School Guidance Counselling
- Masters degree in one of your subject areas

### Why choose this degree?

- By choosing this degree you will have a range of options open to you after four years. Having studied Mathematics and Education for four years you are awarded a BSc Mathematics (with Education) degree - a Level 8 honours degree. You can decide to exit the programme at this stage or stay on for one more year of postgraduate study, which will result in the Level 9 Professional Master of Education degree.

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Full degree and module detail on our Course Finder [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat.

Full degree and module detail on our Course Finder [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8) on webchat.
WITH THE THOROUGH GROUNDING IN THE THEORY AND PRACTICE OF COMPUTATION AND SOFTWARE DEVELOPMENT ACQUIRED IN MAYNOOTH UNIVERSITY, OUR GRADUATES ARE WORKING WITH LARGE MULTINATIONAL COMPANIES AND PIONEERING NEW PRACTICE

WE PROVIDE EXCELLENT FACILITIES FOR PRACTICAL WORK, WITH MOST OF OUR MODULES INCLUDING A MIX OF LECTURES AND LAB WORK. MANY OF OUR STUDENTS ALSO SPEND TIME WORKING IN INDUSTRY AS PART OF THEIR COURSE. WE ENDEAVOUR TO PROVIDE A SUPPORTIVE AND ENJOYABLE ATMOSPHERE FOR LEARNING.

COMPUTER SCIENCE
Specialised Degrees

MH601 CSA  BSc Computer Science and Software Engineering (through Arts)  184
MH601 MWA  BSc Multimedia, Mobile and Web Development (through Arts)  185
MH602 CSS  BSc Computer Science and Software Engineering (through Science)  186
MH602 MWS  BSc Multimedia, Mobile and Web Development (through Science)  187
MH603  BSc Computational Thinking  188

Computer Science also available in the Bachelor of Arts degree - see section 1  56
Computer Science also available in the Bachelor of Science degree - see section 6  164

“ I completed my 4-year, Computer Science and Software Engineering degree in May 2018. My time in Maynooth has been an experience I’ll never forget. I learned an array of things throughout my academic years which I then got to apply in placement. In Maynooth, CSSE students complete a 6-month placement in 3rd year. I completed mine in an international trading firm called Susquehanna International Group (SIG) in the IFSC. Here I put into practice the things I learned in college. At SIG I got a taste of the professional life and learned an abundance of new things. It ranged from new programming languages to working with state of the art system frameworks.

One of my university highlights was being a representative of the student body by being a student ambassador, orientation leader and academic rep. It involved working in open days, giving campus tours and helping the new first years settle in during their first week of college. After graduating, I accepted an offer to work at another financial services company called Fidelity Investments.”

MUHAMMAD AFAN, GRADUATE
## BSc Computer Science and Software Engineering (through Arts)

**CAO Code:** MH601 CSA  |  **CAO Points 2018:** 340

**Erasmus/Study Abroad Option:** Yes  
**Maltese Applicant: See p. 202**  
**Leaving Certificate:** 2H6 & 4D0/H7, Irish & English  
**Mathematics:** 331-479

### Why choose this degree?

Students enjoy the huge benefit of studying another Arts subject with Computer Science in first year. This lends graduates a wider frame of reference.

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 new laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and lab work.

### Options 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, computer-assisted translation, e-learning systems development, games development, website design and development, and software development are some areas to consider.

### Course structure

#### 1st year

- Computer Science (30 credits), Mathematics and 1 Arts subject from groups 1, 2, 4, or 6 (or Critical Skills – see p. 43 for compatible subjects)

#### 2nd, 3rd and Final year

- Concentrate on Computer Science topics only.
- In 3rd year students complete a 6 month work placement (subject to availability)

#### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>Final year</th>
</tr>
</thead>
</table>
| Introduction to computer programming  
Computer systems and computer science theory  
Discrete structures and logic  
Mathematics | Algorithm and data structures  
Operating systems and databases  
Computer architecture  
Software testing and software engineering  
Web information processing  
Calculus and algebra | Software design  
Compilers  
Verification  
Empirical software engineering  
Team project  
Work placement (subject to availability) | Theory of computation  
Programming language design  
Complexity  
Computer Science project  
Elective topics (e.g. machine learning, cryptography, vision) |

### You might also like

- Computational Thinking p. 188  
- Robotics and Intelligent Devices p. 194

Full degree and module detail on our [Course Finder](www.maynoothuniversity.ie/level8) on webchat

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### BSc Multimedia, Mobile and Web Development (through Arts)

**CAO Code:** MH601 MWA  |  **CAO Points 2018:** 340

**Erasmus/Study Abroad Option:** Yes  
**Maltese Applicant: See p. 202**  
**Leaving Certificate:** 2H6 & 4D0/H7, Irish & English  
**Mathematics:** 331-479

### Why choose this degree?

Students enjoy the huge benefit of studying another Arts subject with Computer Science in first year. This lends graduates a wider frame of reference.

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 new laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and lab work.

### Options 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, computer-assisted translation, e-learning systems development, games development, website design and development, and software development are some areas to consider.

### Course structure

#### 1st year

- Computer Science (30 credits), Mathematics and 1 Arts subject from groups 1, 2, 4, or 6 (or Critical Skills – see p. 43 for compatible subjects)

#### 2nd, 3rd and Final year

- Concentrate on Computer Science topics only.
- In 3rd year students complete a minimum 6 month work placement (subject to availability)

#### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>Final year</th>
</tr>
</thead>
</table>
| Introduction to computer programming  
Computer systems and computer science theory  
Discrete structures and logic  
Mathematics | Databases  
Mobile communications  
Elective topics (e.g. machine learning, cryptography, vision) | Software design  
Multimedia communications  
Mobile application development | Signal processing  
Computer science project  |
## BSc Computer Science and Software Engineering (through Science)
### CAO Code: MH602 CSS | CAO Points 2018: 351

### Course structure

**1st year**
- Computer Science (30 credits), Mathematics and 1 Science subject (Biology, Engineering Science, Experimental Physics, Mathematical Physics) or Critical Skills

**2nd, 3rd and Final year**
- Concentrate on Computer Science topics only
  - In 3rd year students complete a 6 month work placement (subject to availability)

### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>3rd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Introduction to computer programming&lt;br&gt;- Computer systems and computer science theory&lt;br&gt;- Discrete structures and logic&lt;br&gt;- Mathematics</td>
<td>- Algorithms and data structures&lt;br&gt;- Operating systems and databases&lt;br&gt;- Computer architecture&lt;br&gt;- Software testing and software engineering&lt;br&gt;- Web information processing&lt;br&gt;- Calculus and algebra</td>
<td>- Software design&lt;br&gt;- Compilers&lt;br&gt;- Networks&lt;br&gt;- Verification&lt;br&gt;- Empirical software engineering&lt;br&gt;- Team project&lt;br&gt;- Work placement (subject to availability)</td>
<td>- Theory of computation&lt;br&gt;- Programming language design&lt;br&gt;- Complexity</td>
</tr>
</tbody>
</table>

### CAO Points Range 2017: 341-509

### Leasing Certificate:
- 2H5 & 4O6/H7, Irish & English & AOS/H1 Mathematics
- Duration: 4 years
- Placement Option: Yes - subject to availability

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## BSc Multimedia, Mobile and Web Development (through Science)
### CAO Code: MH602 MWS | CAO Points 2018: 351

### Course structure

**1st year**
- Computer Science (30 credits), Mathematics and 1 Science subject (Biology, Engineering Science, Experimental Physics, Mathematical Physics) or Critical Skills

**2nd, 3rd and Final year**
- Concentrate on Computer Science and Multimedia topics only
  - In 3rd year students complete a 6 month work placement (subject to availability)

### Possible topics

<table>
<thead>
<tr>
<th>1st year</th>
<th>2nd year</th>
<th>Final year</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Introduction to computer programming&lt;br&gt;- Computer systems and computer science theory&lt;br&gt;- Discrete structures and logic&lt;br&gt;- Mathematics</td>
<td>- Databases&lt;br&gt;- Media programming&lt;br&gt;- Software testing and software engineering&lt;br&gt;- Web information processing&lt;br&gt;- Calculus and algebra&lt;br&gt;- Multimedia technology&lt;br&gt;- Algorithms and data structures</td>
<td>- Software design&lt;br&gt;- Multimedia communications&lt;br&gt;- Mobile application development&lt;br&gt;- Team project&lt;br&gt;- Work placement (subject to availability)</td>
</tr>
</tbody>
</table>

### CAO Points Range 2017: 341-509

### Leasing Certificate:
- 2H5 & 4O6/H7, Irish & English & AOS/H1 Mathematics
- Duration: 4 years
- Placement Option: Yes - subject to availability

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**Maynooth Education**

### Critical Skills Option
See p. 13 for details

### Contact us
Maynooth University Department of Computer Science, Eolas Building + 353 1 708 3847
www.maynoothuniversity.ie/computer-science
Find us on Twitter

## Options 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, 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.

- Computer Science is a teaching subject at second level and therefore a career in education may also be possible.

### You might also like

- Computational Thinking p. 188
- Robotics and Intelligent Devices p. 194

---

**Contact us**
Maynooth University Department of Computer Science, Eolas Building + 353 1 708 3847
www.maynoothuniversity.ie/computer-science
Find us on Twitter

### You might also like

- Computational Thinking p. 188
- Computer Science as a subject in Science (MH201) p. 164
- Robotics and Intelligent Devices p. 194
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.

The essentials of theoretical computer science and their mathematical foundations.

You will have the option of undertaking a 1-year work placement or study abroad between 2nd and 3rd year (subject to availability).

The essentials of theoretical computer science and their mathematical foundations.

Why choose this degree?

- Acquire hands-on programming skills, advanced problem-solving techniques, and learning to think logically and analytically when approaching complex problems developing your creativity and communication skills.

- Study Philosophy (seeking to understand and analyse human knowledge and thinking) and advanced mathematics.

- 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 new laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and lab work.

Options 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 will enjoy outstanding career prospects across a range of areas such as software development and analysis, mathematical and financial modeling, bioinformatics, cryptography and security.

- Postgraduate study may include MSc Geocomputation, MSc Computer Science (Software Engineering), PhD Computer Science (Research).

Contact us

Maynooth University Department of Computer Science, Eolas Building
admin@cs.mu.ie
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www.maynoothuniversity.ie/computer-science
Find us on Twitter

Maynooth University Department of Mathematics and Statistics, Logic House
mathstatssupport@mu.ie
+353 1 708 3914
www.maynoothuniversity.ie/mathematics-and-statistics
Find us on Twitter

BSc Computational Thinking

CAO Code: MH603 | CAO Points 2018: 498

<table>
<thead>
<tr>
<th>Course structure</th>
<th>2nd year</th>
<th>Final year</th>
<th>Programming languages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year</td>
<td>&gt; 4 modules in Computer Science</td>
<td>&gt; 6 modules in Computer Science</td>
<td>&gt; 1st year: Python, Java, SQL</td>
</tr>
<tr>
<td></td>
<td>&gt; 6 modules in Mathematics</td>
<td>&gt; 4 modules in Mathematics</td>
<td>&gt; 2nd year: C, R, Haskell</td>
</tr>
<tr>
<td></td>
<td>&gt; 2 modules in Philosophy</td>
<td>&gt; 2 modules in Philosophy</td>
<td>&gt; Final year: language choice in projects of choice</td>
</tr>
<tr>
<td></td>
<td>&gt; You will have the option of undertaking a 1-year work placement or study abroad after 2nd year (subject to availability)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Possible topics

1st year
- Computer Science (Algorithms, Data Structures, Operating Systems)
- Mathematics (Calculus, Algebra, Geometry, Analysis)
- Philosophy (Logic, Reasoning)

2nd year
- Computer Science (Programming Language, Computation, Complexity)
- Mathematics (Analysis, Group Theory)
- Philosophy (Epistemology, Philosophy of Science)

Final year
- Programming Language Semantics,
- Group Theory, Differential Geometry,
- Topology,
- Selected topics from Computer Science, Mathematics and Philosophy

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
MAYNOOTH UNIVERSITY HAS ESTABLISHED AN INTERNATIONAL REPUTATION AS A RESEARCH-LED INSTITUTION OF LEARNING AND ACADEMIC DISCOVERY.

STUDENTS ARE EXPOSED TO THE PRACTICE OF ENGINEERING PRINCIPLES RIGHT FROM THEIR FIRST WEEK ON CAMPUS AND, IN THIRD YEAR, HAVE THE OPPORTUNITY TO SPEND UP TO SIX MONTHS DEVELOPING THEIR ENGINEERING SKILLS IN INDUSTRY.

“During my 3rd and 4th years I completed my work experience module working as an Applications Engineer at Analog Devices Inc., a Signal Processing M.N.C. in Limerick. I was able to work alongside experienced engineers, meet others in similar roles to my own and get work experience that would prepare me for life after college.”

CIARA MCDONALD, GRADUATE

ELECTRONIC ENGINEERING
Specialised Degrees

MH304 BE Bachelor of Electronic Engineering 192
Engineering Science available in
the Bachelor of Science degree in MH501 - see section 6 165
MH306 BSc Robotics and Intelligent Devices 194
BE Bachelor of Electronic Engineering
CAO Code: MH304 | CAO Points 2018: 414

Options after graduation:
Our graduates are equipped to work in silicon chip manufacturing and design (e.g. Intel), communications companies and in the development of products closely combining hardware and software.

Students now have the opportunity to graduate after 5 years with an ME in Electronic Engineering (master’s level). This degree will exempt holders from any further written examination on the path to qualify as a Chartered Engineer. Beyond electronic engineering, our graduates have the software skills to work in most software companies, and the problem solving and mathematical skills for many roles in the financial and management sectors.

Our postgraduate programmes currently include:
- ME in Healthcare Technologies, ME in Electronic Engineering
- Masters Research in Electronic Engineering
- PhD in Electronic Engineering

*Note: Applicants who do not achieve the required H4 in their Leaving Certificate 2019 Mathematics exam can sit the Engineering Mathematics Examination held in March/April and/or late August. The exam is based on Paper 1 of the Leaving Certificate curriculum. Applicants must achieve at least H4 grade in this exam, along with the other entry requirements, in order to be accepted on to our Electronic Engineering degree (MH304).

Maynooth Education
Electives Option
See p. 13 for details

Possible topics
1st year
- Electronic Fundamentals
- Digital Systems
- Mathematics
- Physics
- Programming
- Systems & Control
- Project Based Learning

2nd year
- Solid State Electronics
- Telecommunications
- Mathematics
- Digital Systems
- Programming
- Electric Circuits
- Project Based Learning (with Business Planning)

3rd year
- Signals & Systems
- Mathematics
- Software Engineering
- Embedded System Control
- Community Based Project

4th year ME Option
Select a stream. List of modules in each stream:
- Electronic Engineering
- EE with Computers
- EE with Communications

Final year
- 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.

Maynooth Education
Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Electronic Engineering
Engineering & BioScience Building
electronic.engineering@mu.ie
+353 1 708 6057 / +353 1 708 6976
www.maynoothuniversity.ie/electronicengineering
Find us on Twitter

Full degree and module detail on our Course Finder www.maynoothuniversity.ie/level8 on webchat
BSc Robotics and Intelligent Devices
CAO Code: MH306 | CAO Points 2018: 351

The Department of Electronic Engineering began offering a new programme in Robotics and Intelligent Devices in 2016, with a focus on applications in healthcare, the home, business and leisure.

Students completing the degree in Robotics and Intelligent Devices will acquire strong skills in systems and knowledge of how systems fit together, through areas such as hardware, signal processing and system control.

Blending Electronic Engineering and Computer Science - adding intelligence to every day systems and developing robots that can interact with humans and our environment. Through project work, students will explore robotics and intelligent devices and may focus their project work throughout the programme in a specific area of their interest or blend thematic areas.

Why choose this degree?
You will be taught by world-class experts in the area of mobile communications, biomedical diagnostics and technologies.
You have an interest in some or all of the following: developing technological support systems, enabling assisted living in the home, phone technology, the connection to SMART living in the home, the use of devices in the medical world including prosthetics and the latest developments in car design.

Students will combine their work in hardware and software, equipping them with a blend of skills which will lead them to work on items such as music devices, physical computer interfaces, mobile phones, healthcare systems and more.

Options after graduation?
Students completing the degree in Robotics and Intelligent Devices will acquire strong skills in systems and knowledge of how systems fit together, through areas such as hardware, signal processing and system control.
Through their combined work in hardware and software, students are equipped with a blend of skills which will lead them to work on items such as music devices, physical computer interfaces, mobile phones and healthcare systems. There is also the option of further study.
Once a student has completed the degree in Robotics and Intelligent Devices they may continue their education in Maynooth through postgraduate studies and PhD programmes.

Maynooth Education
Electives Option
See p. 13 for details

Contact us
Maynooth University Department of Electronic Engineering, Engineering & BioScience Building
electronic.engineering@mu.ie
www.maynoothuniversity.ie/electronic-engineering
Find us on Twitter

You might also like
Electronic Engineering p. 192
Engineering Science in MH201 BSc degree p. 165
Product Design p. 123

Course structure
1st year
- Students complete a number of modules common with year 1 Electronic Engineering (5 credits each & 1.75 credit) & 2 Computer Science modules (7.5 credits each)
- Over semester 2 students work on a project module titled Robotics Systems (7.5 credits)

2nd & 3rd year
- Over the following 2 years you will develop a strong basis in robotics and intelligent devices
- Students may choose between robotics and intelligent device thematic large projects
- Students complete a number of modules common with years 2 & 3 of their combined work in hardware and software
- Students choose between robotics and intelligent device thematic large projects
- Students complete a number of modules common with years 2 & 3

Final year
- Students complete a number of modules common with years 2 & 3
- Students complete a number of modules common with years 2 & 3
- Students complete a number of modules common with years 2 & 3

Possible topics
1st year
- Electronic Fundamentals
- Introduction to Computer Science
- Computer Architecture & Digital Logic
- Mathematics
- Physics
- Introduction to Systems
- Robotics Systems Project

2nd year
- Computing for Engineers
- Analogue Electronics
- Intelligent and Embedded Systems in Society
- Sensors and Signals
- Mathematics
- Programming (C++)
- Operating Systems
- System Dynamics

3rd year
- Software Engineering
- Systems and Signals
- Intelligent and Embedded Systems in Society
- Control System Design
- Mathematics
- Robotics and Automation
- 6 month work placement or Design Challenge (subject to availability)

Final year
- Digital Signal Processing
- Computer Control Systems
- Embedded Real-time Systems
- Control System Design
- Mathematics
- Robotics and Automation
- 6 month work placement or Design Challenge (subject to availability)

For more information, visit www.maynoothuniversity.ie/electronic-engineering.
### MAYNOOTH UNIVERSITY

**CAO HANDBOOK 2019**

**LEVEL B**

Honours Bachelor Degrees - Level B

Apply by inserting the Codes below in the Level B Section of the Application Form.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (NOT to be entered on Application Form)</th>
<th>Honours Bachelor degrees - Level B</th>
</tr>
</thead>
</table>
| MH 101 | Arts                                        | Best passes: 50 credits. Choose your subjects when you arrive in Maynooth in September 2019, with up to 6 credits to be allowed.
|        |                                            | - Choose 3, 4, or 5 subjects (maximum of one per group, with subject 1, 2, or 3 credits).
|        |                                            | - Subject subjects (44 credits) in 3rd year. For undergraduate students who are on the course, they are
|        |                                            | scheduled at the same time.
|        |                                            | Optional 1st year only: Critical Skills (15 credits) available to take with all subject combinations.

**GROUP 1**

- English
- History
- Mathematics (Paper 1): 50 credits in Group 1 and 2

**GROUP 2**

- French
- Business (Management): Business (Marketing), Business (Human Resource Management)
- Irish
- Irish Language
- Irish Language and Irish

**GROUP 3**

- Accounting
- Chinese Studies
- Greek
- Human Civilization
- Mathematics and Physics
- Modern Studies
- Irish
- English
- History
- Sociology
- Statistics

**GROUP 4**

- Computer Science
- Economics
- Finance
- Latin
- Music Technology
- Non-Majors

Apply by inserting the Codes below in the Level B Section of the Application Form.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (NOT to be entered on Application Form)</th>
<th>Honours Bachelor degrees - Level B</th>
</tr>
</thead>
</table>
| MH 101 | Arts                                        | Best passes: 50 credits. Choose your subjects when you arrive in Maynooth in September 2019, with up to 6 credits to be allowed.
|        |                                            | - Choose 3, 4, or 5 subjects (maximum of one per group, with subject 1, 2, or 3 credits).
|        |                                            | - Subject subjects (44 credits) in 3rd year. For undergraduate students who are on the course, they are
|        |                                            | scheduled at the same time.
|        |                                            | Optional 1st year only: Critical Skills (15 credits) available to take with all subject combinations.

**GROUP 1**

- English
- History
- Mathematics (Paper 1): 50 credits in Group 1 and 2

**GROUP 2**

- French
- Business (Management): Business (Marketing), Business (Human Resource Management)
- Irish
- Irish Language
- Irish Language and Irish

**GROUP 3**

- Accounting
- Chinese Studies
- Greek
- Human Civilization
- Mathematics and Physics
- Modern Studies
- Irish
- English
- History
- Sociology
- Statistics

**GROUP 4**

- Computer Science
- Economics
- Finance
- Latin
- Music Technology
- Non-Majors

### Science

In first year you may take a Double Major (equal study of two subjects), or a Single Major (specialize in one subject).

The following subjects are available: Biology, Chemistry, Computer Science, Engineering Science, Experimental Physics, Mathematical Physics, Mathematics (Applied), Mathematics (Pure), Statistics.

- Subject available as a double subject in 1st year.
- Third of these subjects are studied in first year. Mathematics is a required subject in first year. You must choose your subject(s) by end of year and may change subjects within the first four weeks. You also have the option of taking a third subject or a double science course in first year. In second year, you have the option of taking an extension, Irish across two universities, which may involve study outside your chosen subjects.

### MH 201

Mathematics

### MH 202

Physics

### MH 203

Chemistry

### MH 204

Biology

### MH 205

Biological and Biomedical Sciences

### MH 206

Physiology through Science: 4 years - In first year you study Psychology, psychological studies, Mathematics and a second science subject.

### MH 207

Psychology

### MH 208

Molecular and Structural Chemistry

### MH 209

Environmental Microbiology

### MH 210

Science (with Education) or Mathematics and Computer Science (with Education) or Maths and Applied Maths (with Education)

### MH 211

Science Education: In first year you study Biology, Chemistry, Experimental Physics and Mathematics with concurrent Teacher Education (second year).

### MH 212

Mathematics Education: You study Mathematics and Computer Science with concurrent Teacher Education (second year).

### MH 213

Mathematics Education: You study Mathematics with Mathematical Physics (or Statistics) (continued) Mathematics with Concurrent Teacher Education (second year).

### MH 214

You can select second science stream to take following year. Once you have completed your second year, you may choose your subject(s) from the options available to you.

### MH 215

Electrical Engineering

### MH 216

Computer Science

### MH 217

Software Engineering

### MH 218

You can select which of the above streams you wish to take in your third year. Options at 4th year as a year Master of Engineering.

### MH 219

Product Design

### MH 220

Mechanical and Intelligent Devices

### MH 221

Electrical and Electronic Engineering

### MH 222

Computer Science

### MH 223

Software Engineering

### MH 224

Electrical Engineering

### MH 225

Robotics

### MH 226

Computer Science

### MH 227

Software Engineering

### MH 228

Electrical Engineering

### MH 229

Robotics

### MH 230

Computer Science

### MH 231

Software Engineering

### MH 232

Electrical Engineering

### MH 233

Robotics

### MH 234

Computer Science

### MH 235

Software Engineering

### MH 236

Electrical Engineering

### MH 237

Robotics

### MH 238

Computer Science

### MH 239

Software Engineering

### MH 240

Electrical Engineering

### MH 241

Robotics

### MH 242

Computer Science

### MH 243

Software Engineering

### MH 244

Electrical Engineering

### MH 245

Robotics

### MH 246

Computer Science

### MH 247

Software Engineering

### MH 248

Electrical Engineering

### MH 249

Robotics

### MH 250

Computer Science

### MH 251

Software Engineering

### MH 252

Electrical Engineering

### MH 253

Robotics

### MH 254

Computer Science

### MH 255

Software Engineering

### MH 256

Electrical Engineering

### MH 257

Robotics

### MH 258

Computer Science

### MH 259

Software Engineering

### MH 260

Electrical Engineering

### MH 261

Robotics

### MH 262

Computer Science

### MH 263

Software Engineering

### MH 264

Electrical Engineering

### MH 265

Robotics

### MH 266

Computer Science

### MH 267

Software Engineering

### MH 268

Electrical Engineering

### MH 269

Robotics

### MH 270

Computer Science

### MH 271

Software Engineering

### MH 272

Electrical Engineering

### MH 273

Robotics

### MH 274

Computer Science

### MH 275

Software Engineering

### MH 276

Electrical Engineering

### MH 277

Robotics

### MH 278

Computer Science

### MH 279

Software Engineering

### MH 280

Electrical Engineering

### MH 281

Robotics

### MH 282

Computer Science

### MH 283

Software Engineering

### MH 284

Electrical Engineering

### MH 285

Robotics

### MH 286

Computer Science

### MH 287

Software Engineering

### MH 288

Electrical Engineering

### MH 289

Robotics

### MH 290

Computer Science

### MH 291

Software Engineering

### MH 292

Electrical Engineering

### MH 293

Robotics

### MH 294

Computer Science

### MH 295

Software Engineering

### MH 296

Electrical Engineering

### MH 297

Robotics

### MH 298

Computer Science

### MH 299

Software Engineering

### MH 300

Electrical Engineering

### MH 301

Robotics

### MH 302

Computer Science

### MH 303

Software Engineering

### MH 304

Electrical Engineering

### MH 305

Robotics

### MH 306

Computer Science

### MH 307

Software Engineering

### MH 308

Electrical Engineering

### MH 309

Robotics

### MH 310

Computer Science

### MH 311

Software Engineering

### MH 312

Electrical Engineering

### MH 313

Robotics

### MH 314

Computer Science

### MH 315

Software Engineering

### MH 316

Electrical Engineering

### MH 317

Robotics

### MH 318

Computer Science

### MH 319

Software Engineering

### MH 320

Electrical Engineering

### MH 321

Robotics

### MH 322

Computer Science

### MH 323

Software Engineering

### MH 324

Electrical Engineering

### MH 325

Robotics

### MH 326

Computer Science

### MH 327

Software Engineering

### MH 328

Electrical Engineering

### MH 329

Robotics

### MH 330

Computer Science

### MH 331

Software Engineering

### MH 332

Electrical Engineering

### MH 333

Robotics

### MH 334

Computer Science

### MH 335

Software Engineering

### MH 336

Electrical Engineering

### MH 337

Robotics

### MH 338

Computer Science

### MH 339

Software Engineering

### MH 340

Electrical Engineering

### MH 341

Robotics
Continued...

You can decide which degree stream you wish to take after Semester 1.

OPC

BCS

BLS

Two degree options a

Local Studies or Community Studies (Early Childhood)

or

Multimedia, Mobile and Web Development (through Science)

Open choice to either degree stream.

In first year you take Computer Science, Mathematical Studies and one other Arts subject under LINK Modules.

In first year you take Computer Science, Mathematics and one other Arts subject under MH101, excluding groups 3 and 4.

Open choice to either degree stream.

You can use which degree stream you wish to take following admission. You can apply to MH602 only once.

MAYNOOTH UNIVERSITY

www.maynoothuniversity.ie

(Continued)

LEVEL 8

Honours Bachelor Degrees - Level 8

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (to be entered on Application Form)</th>
<th>Honours Bachelor Degrees - Level 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH 402</td>
<td>Accounting and Finance</td>
<td>MH402 Accounting &amp; Finance</td>
</tr>
<tr>
<td>MH 404</td>
<td>Computer Science through Arts</td>
<td>MH404 Computer Science through Arts</td>
</tr>
<tr>
<td>MH 406</td>
<td>Science subject.</td>
<td>MH406 Science subject</td>
</tr>
<tr>
<td>MH 407</td>
<td>Business and Management</td>
<td>MH407 Business &amp; Management</td>
</tr>
<tr>
<td>MH 411</td>
<td>Open choice</td>
<td>MH411 Open Choice</td>
</tr>
</tbody>
</table>

You can apply to MH401 only once.

- Link Modules do not qualify as a subject for minimum entry requirements purposes.
- Applications for a Restricted Application course will not be considered normally.
- You can apply for your choice of Level 8 bachelor's degree through the Central Applications Office (CAO). For a list of important dates see page 214. All applicants (except 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 / +353 91 562344

- The requirements for each course are shown in the table on page 211. 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 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 papers at grade H5 and four Ordinary Level papers at grade O6 or H8.

<table>
<thead>
<tr>
<th>Higher Level</th>
<th>Ordinary Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Grades</td>
<td>% Marks</td>
</tr>
<tr>
<td>H1</td>
<td>90 - 100</td>
</tr>
<tr>
<td>H2</td>
<td>90 - 90</td>
</tr>
<tr>
<td>H3</td>
<td>70 - 80</td>
</tr>
<tr>
<td>H4</td>
<td>60 - 70</td>
</tr>
<tr>
<td>H5</td>
<td>50 - 60</td>
</tr>
<tr>
<td>H6</td>
<td>40 - 50</td>
</tr>
<tr>
<td>H7</td>
<td>30 - 40</td>
</tr>
<tr>
<td>H8</td>
<td>0 - 30</td>
</tr>
</tbody>
</table>

CAO POINTS SYSTEM

Irish Leaving Certificate Subjects

- 25 bonus points will be added to the points score for a Leaving Certificate Higher Level Mathematics grade H8 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.

RESTRICTED APPLICATION COURSES

MH103, MH116 and MH102 are Restricted Application courses at Maynooth University and have early assessment procedures which normally commence in March.

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.

APPLYING THROUGH THE CENTRAL APPLICATIONS OFFICE (CAO)

If you are under 23, and setting the Leaving Certificate in 2019, you must apply for your choice of Level 8 bachelor's degree through the Central Applications Office (CAO). For a list of important dates see page 214. All applicants (except 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 / +353 91 562344

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 main deadline for submission of applications is 1st February 2019 but you may apply from early November 2018. A standard fee applies. Late applications are accepted up to 1st May 2019, 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 2019. Applicants already in third level education, who were admitted via the CAO, may submit applications up to 22nd July.

The University offers places to applicants in order of merit, once they meet the minimum entry requirements (see page 211 for details). The order of merit is calculated based on a points system (see table opposite). 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.

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 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 year after entry to the University. For more information on applying as a mature student see page 202.

LEAVING CERTIFICATE VOCATIONAL PROGRAMME (LCVP)

LINK MODULES

Points are awarded as follows:

<table>
<thead>
<tr>
<th>Distinction</th>
<th>Merit</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>46</td>
<td>28</td>
</tr>
</tbody>
</table>

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.
**APPLICANTS REQUIRING EXTRA SUPPORTS**

**DARE**

**The Disability Access Route to Education (DARE)** is a third level admissions scheme for school-leavers whose disabilities have had a negative impact on their second level education. DARE offers reduced points places to school-leavers who have experienced additional educational challenges in second level education as a result of having a disability.

Before submitting a DARE application you should read the DARE Handbook and discuss this with your parents, guardians or guidance counsellor. As the minimum entry and subject requirements may be different for each course, applicants should check details in this handbook for the requirements of each Maynooth University preference listed on their CAO form.

Applicants applying for DARE must be under the age of 23 as of 1 January 2019. There are other admissions routes for mature and FET applicants and further information is available in this handbook and on HEI websites.

**HOW TO APPLY TO DARE**

1. Apply to CAO by 17:15 on 1 February 2019. DARE applications can only be made online at cao.ie
2. No later than 17:15 on 1 March 2019, disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (SIF). If you wish to be considered for the DARE scheme you must answer yes to question 1 on Section A of the fully completed SIF by 17:15 on 1 March 2019.
3. Download Section B of the SIF (Educational Impact Statement), have it completed by your school and returned to CAO to arrive by 17:15 on 1 April 2019.
4. Submit Section C Evidence of Disability documentation completed by the appropriate professional to CAO to arrive by 17:15 on 1 April 2019. Further details on the acceptable Evidence of Disability documentation is published in the DARE Handbook and on accesscollege.ie/dare

**Notes:**

DARE has specific requirements for Section C (Evidence of Disability) in relation to the Medical Consultant/Specialist who must verify your disability, the age limit on reports and the documentation required.

DARE will hold a number of Application Advice Clinics nationwide in January 2019 for students, parents and guardians who would like further information on applying to DARE. Details are available on accesscollege.ie/dare

Applicants with a physical or sensory disability or applicants who are eligible for both DARE and HEAR (Higher Education Access Route accesscollege.ie/hear) will be prioritised first when making reduced points offers. All other DARE students will be offered places based on merit.

**APPLICANTS REQUIRING EXTRA SUPPORTS FOR UNIVERSITY EXAMINATIONS/TESTS (MH103, MH116 & MH801)**

If you have a disability or specific learning difficulty (e.g. dyslexia), and require examination support for the written tests, please contact the Disability Office and submit supporting documentation by 15th March 2019 to The Disability Office, MAP Lodge, North Campus, Maynooth University, Co. Kildare, Ireland or alternatively submit via email to access.office@mu.ie. Unfortunately we are unable to consider applications for alternative examination accommodation after this deadline. You can find further information on the supporting documentation required, as well as examination and other supports at www.maynoothuniversity.ie/disability

**HEAR**

The Higher Education Access Route (HEAR) is a third level admissions scheme for school-leavers from long-term socioeconomically disadvantaged backgrounds. HEAR has been established by a number of Higher Education Institutions, based on clear evidence that socio-economic disadvantage has a negative impact on educational achievement at school, and progression to higher education.

School-leavers who provide satisfactory evidence relating to their socio-economic circumstances, and who meet the Irish Leaving Certificate matriculation/minimum entry and subject requirements, are eligible to compete for a quota of places allocated to applicants on a reduced points basis. As the minimum entry and subject requirements may be different for each course, applicants should check details in this handbook for the requirements of each preference listed on their CAO form.

Applicants applying for HEAR must be school-leavers (under 23 years old as of 1 January 2019). There are other admissions routes for mature and FET applicants and further information is available in this handbook and on HEI websites.

**HOW TO APPLY TO HEAR**

1. Apply online to CAO by 17:15 on 1st February 2019. HEAR applications can only be made online at cao.ie
2. Indicate on your CAO application that you wish to apply for the HEAR scheme no later than 17:15 on 1st March 2019, and you must fully and correctly complete all elements of the HEAR online form (the HEAR form is a part of your online CAO application).
3. Submit relevant evidence in support of your application to arrive at the CAO no later than 17:15 on 1st April 2019.

**Notes:**

HEAR will hold a number of Application Advice Clinics nationwide in January 2019 for students, parents and guardians who would like further information on applying to HEAR. Details are available on accesscollege.ie/hear

Applicants who are eligible for both HEAR and DARE (Disability Access Route to Education accesscollege.ie/dare) will be prioritised first when making HEAR offers. All other HEAR students will be offered places based on merit in accordance with the above criteria.

Students who accept a HEAR offer must attend an orientation programme before the first semester. A variety of academic, personal and social supports for HEAR students are available while studying at the University. Details can be found on maynoothuniversity.ie/hear
MATURE STUDENT APPLICANTS

Maynooth University greatly values the particular contribution of mature students to the academic and social environment of the University. Up to 250 mature students begin their studies here each year. If the opportunity to return to education has presented itself to you we hope you’ll choose Maynooth University.

The Mature Student Office is committed to supporting the learning experience of our mature students. Call, email or drop in to meet them in MAP Lodge on the North Campus.

See the Mature Student booklet for detailed information about applying as a mature student. Contact us for a mature student information pack.

HOTLINE – MATURE ENTRY
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.

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, the Launchpad Orientation programme, MAP My Way phased induction and Technology Transition programme. There is also a Mature Student Society on campus providing a continuation of peer support, both academic and social, to incoming mature students.

Many of our mature entrants undertake preparatory studies in advance of gaining admission.

DATES TO NOTE FOR MATURE STUDENTS
All mature students must apply to the CAO (www.cao.ie) before 1st February 2019. Late applications from mature students may be accepted after this date - consult the Undergraduate Studies website for updates.

The deadline for receipt of late applications is 1st May 2019. Also note that the CAO change of mind facility opens in early May 2019 and remains open until 1st July 2019.

Mature students must complete the CAO section for mature applicants fully, indicating clearly past or current studies, and outlining educational goals and objectives. Applicants are assessed on the basis of the information provided on their CAO application form and/or interview/test (where required). All questions should be answered in full.

Communication to applicants from our Admissions Office is made via email. Please send copies of any relevant additional information directly to the Maynooth University Admissions Office, Maynooth University, Co Kildare.

Applicants who wish to study for a Bachelor of Music (MH103) or Community and Youth Work (MH116 or MH882) degree must apply in all circumstances before 1st February 2019, as these are restricted entry courses (requiring entrance test and interviews).

MATURE APPLICANTS WHO HAVE A DISABILITY OR SPECIFIC LEARNING DIFFICULTY (E.G. DYSLEXIA), AND REQUIRE EXAMINATION SUPPORT FOR THE WRITTEN TESTS
Contact the Disability Office and submit supporting documentation by 15th March 2019. Unfortunately the Disability Office is unable to consider applications for alternative examination accommodation after this deadline. You can find further information on the supporting documentation required, as well as examination and other supports at www.maynoothuniversity.ie/disability

The Disability Office, MAP Lodge, North Campus, Maynooth University, Co. Kildare, Ireland.

HOTLINE – MATURE ENTRY
Application for alternative examination accommodation must be made by 15th March 2019. Unfortunately the Disability Office is unable to consider applications for alternative examination accommodation after this deadline. You can find further information on the supporting documentation required, as well as examination and other supports at www.maynoothuniversity.ie/disability

The Disability Office, MAP Lodge, North Campus, Maynooth University, Co. Kildare, Ireland.

MATURE STUDENTS: DEGREES WITH ADDITIONAL SELECTION CRITERIA
MH001/MH002 Primary Education
A combined application process is run between Maynooth University, DCG and Marino Institute of Education. Application must be made to the CAO prior to February 1st 2019. Candidates meeting the eligibility criteria will receive a supplementary application form.

Contact: Froebel Department of Primary and Early Childhood Education, School of Education, Maynooth University, Maynooth, Co. Kildare. +353 1 708 7400 / email: froebel.department@mu.ie

APPLICANTS FOR THE FOLLOWING DEGREES ARE REQUIRED TO TAKE A WRITTEN TEST

MH103 B Mus Bachelor of Music
MH106 BA Psychology
MH107 BSc/BSc Social Science
MH201 BSc Science
MH202 BSc Biotechnology
MH204 BSc Physics with Astrophysics
MH206 BSc Theoretical Physics and Mathematics
MH207 BSc Data Science (NEW DEGREE)
MH208 BSc Biological and Biomedical Sciences
MH209 BSc Psychology (through Science)
MH210 BSc Pharmaceutical and Biomedical Chemistry
MH212 BSc Science (with Education)
MH212 MCs BSc Mathematics and Computer Science (with Education)
MH212 MED BSc Mathematics (with Education)
MH304 BE Engineering - Common Entry
MH306 BSc Robotics and Intelligent Devices
MH404 BBA BBS Business and Management
MH404 INB BBS International Business
MH404 MKT BBS Marketing
MH405 BBS Equine Business
MH411 BBS Entrepreneurship
MH501 LLB Law
MH502 LWA BCL Law and Accounting
MH502 LWB BCL Law and Business
MH502 LWC BCL Law and Criminology
MH502 LWV BCL Law and Arts
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 AWS BSc Multimedia, Mobile and Web Development (through Science)
MH603 BSc Computational Thinking
If you have a relevant QQI/HETAC/BTEC qualification, you can use this to apply to a degree programme at Maynooth University. This section outlines the qualifications and other requirements for students who hold or expect to hold QQI Certificates, and who wish to pursue full-time, undergraduate degree programmes at Maynooth University.

Any QQI 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. Consult www.maynoothuniversity.ie/howtoapply for specific course entry requirements.

HOW TO APPLY - QQI APPLICANTS
Applications should first check that they fulfil the requirements for the particular course they wish to apply for, as detailed on the website. It is important to note that only very specific QQI course codes qualify for entry to each individual degree programme. Please refer to our website for details of these course codes. In particular please note the scoring scheme as detailed below.

Application is made through the Central Applications Office (CAO).
Application forms may be obtained online (www.cao.ie) or by contacting the Central Applications Office, Tower House, Eglinton Street, Galway. + 353 91 509800
There is a normal fee for applications received on or before 5.15 pm, 1st February 2019 (apply by January 20th for a reduced fee).
Late applications are accepted up to and including 1st May 2019 on payment of an additional fee. Applicants who wish to study Community and Youth Work (MH116 or MH802) must apply before the 1st February 2019.

THE FOLLOWING RULES APPLY:
➤ A major award must be achieved. Component certificates do not suffice.
➤ In some instances the University requires achievement of specific grades, and/or specified components e.g. five distinctions, including a distinction in Mathematics or Statistics.
➤ 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.

Where this occurs, but the QQI centre offers the program over more than one year, it is the responsibility of the applicant to ensure that their QQI centre applies to QQI for a major award where courses are taken over more than one year.

**QFI SCORING**

This scoring scheme only applies where all the requirements for the major award are met, i.e. when the named component awards specified have been achieved to a minimum of 120 credits.

Each component is given a score based on the credit value of the component and the weighting of the grade achieved.

Most component awards have a credit value of 15 (the possible component credit values are 5, 10, 15, 20 and 30).

The following weightings will apply to the grades achieved: pass=1, merit=2, distinction=3.

To calculate a component score, multiply the credit value of the component by the weighting for the grade achieved.

Add all of the component scores up to a cumulative credit value of 120. When adding up these scores begin with distinctions, then merits, then passes.

Finally, multiply the total by 13 and divide by 12 to give the overall score (maximum 390).

The scoring is applied by the CAO. For the most current list of linked awards and specialised components visit our website. You will also find other information in relation to QQI entry pathways.

Changes made to those listed below will be implemented in the next admissions cycle, through the CAO, where possible.

**Please Note:** some degree programmes have additional minimum entry requirements. See page 211 for more information.

### The following degree programmes have QQI (Further Education) links:

<table>
<thead>
<tr>
<th>CAO Code</th>
<th>Degree</th>
<th>Level 5 or 6 Places</th>
<th>2018 QQI Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH101</td>
<td>Arts</td>
<td>140</td>
<td>300</td>
</tr>
<tr>
<td>MH107</td>
<td>Social Science</td>
<td>15</td>
<td>358</td>
</tr>
<tr>
<td>MH109</td>
<td>Media Studies</td>
<td>12</td>
<td>341</td>
</tr>
<tr>
<td>MH116</td>
<td>Community and Youth Work (Full-time)</td>
<td>5</td>
<td>#</td>
</tr>
<tr>
<td>MH201</td>
<td>Science</td>
<td>Up to 10</td>
<td>341</td>
</tr>
<tr>
<td>MH202</td>
<td>Biotechnology</td>
<td>2</td>
<td>374</td>
</tr>
<tr>
<td>MH208</td>
<td>Biological and Medical Sciences</td>
<td>5</td>
<td>358</td>
</tr>
<tr>
<td>MH210</td>
<td>Pharmaceutical and Biomedical Chemistry</td>
<td>2</td>
<td>358</td>
</tr>
<tr>
<td>MH205</td>
<td>Product Design</td>
<td>3</td>
<td>358</td>
</tr>
<tr>
<td>MH306</td>
<td>Robotics and Intelligent Devices</td>
<td>3</td>
<td>390</td>
</tr>
<tr>
<td>MH401</td>
<td>FINFE Finance/International Finance and Economics</td>
<td>2</td>
<td>390</td>
</tr>
<tr>
<td>MH403</td>
<td>Accounting and Finance</td>
<td>5</td>
<td>358</td>
</tr>
<tr>
<td>MH404</td>
<td>Business</td>
<td>20</td>
<td>325</td>
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<tr>
<td>MH404 BMA</td>
<td>Business and Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MH404 INB</td>
<td>International Business</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MH404 MKT</td>
<td>Marketing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MH405</td>
<td>Equine Business</td>
<td>3</td>
<td>390</td>
</tr>
<tr>
<td>MH407</td>
<td>Business and Accounting</td>
<td>3</td>
<td>370</td>
</tr>
<tr>
<td>MH411</td>
<td>Entrepreneurship</td>
<td>5</td>
<td>309</td>
</tr>
<tr>
<td>MH401</td>
<td>LLB Law</td>
<td>3</td>
<td>390*</td>
</tr>
<tr>
<td>MH402</td>
<td>Law and Accounting/Business/Criminology/Arts</td>
<td>4</td>
<td>390*</td>
</tr>
<tr>
<td>MH401</td>
<td>Computer Science/Multimedia through Arts</td>
<td>5</td>
<td>341</td>
</tr>
<tr>
<td>MH402</td>
<td>Computer Science/Multimedia through Science</td>
<td>5</td>
<td>341</td>
</tr>
<tr>
<td>MH401</td>
<td>Early Childhood - Teaching and Learning (part-time)</td>
<td>10</td>
<td>309</td>
</tr>
<tr>
<td>MH402</td>
<td>Community and Youth Work (part-time, in-service)</td>
<td>3</td>
<td>#</td>
</tr>
</tbody>
</table>

* Assessment involves test and interviews

# Random Selection: not everyone on these points was admitted
Applicants to MH305/MH306/MH601/MH602 must present O3/H7 Leaving Certificate grade RECOMMENDED to register for the following Level 8 honours degree programmes at Maynooth University.

The following degrees/subjects have additional minimum entry requirements (required grade depends on the degree/subject):

- Mathematics or Statistics module.
- Certificate Mathematics or a Distinction in any QQI Level 5 Mathematics or Statistics module.
- Computer Science through Science (BTEC Higher National Diploma in: - Media Production (Radio) - Media Production (Television))
- Music Technology (O3/H7 Mathematics or a Distinction in any QQI Level 5 Mathematics or Statistics module).
- Business and Accounting (O4/H7 Mathematics or Statistics module).
- Mathematics or Statistics module.

**BTEC HIGHER NATIONAL DIPLOMA**

Students with appropriate BTEC qualifications with distinctions will be considered for admission on a competitive basis to the first year of the following Level 8 honours degree programmes at Maynooth University.

**Award**

- BTEC Higher National Diploma in:
  - Arts
  - Social Science
  - Media Studies
  - Business & Management
  - Equine Business

**Degree**

- MH101
- MH107
- MH109
- MH404
- MH405
- MH411

**Places**

- 10
- 5
- 5
- 5

**Grades**

- Meet / Distinctions
- Meet / Distinctions
- Meet / Distinctions

**CAD Code**

- MH101
- MH102
- MH103
- MH104
- MH105
- MH106
- MH107
- MH108
- MH109
- MH110
- MH111

**Degree/Subject**

- Science
- Bio technology
- Biological and Biomedical Sciences
- Pharmaceutica1 and Biomedical Chemistry
- Product Design
- Robotics and Intelligent Devices
- Finance
- International Finance and Economics
- Accounting and Finance
- Business and Management
- International Business
- Marketing
- Equine Business
- Business and Accounting
- Entrepreneurship
- Computer Science through Arts
- Computer Science through Science

**Notes**

- Indicates Leaving Certificate grade REQUIRED to register for this subject following entry to MH101
- Indicates Leaving Certificate grade RECOMMENDED to register for this subject following entry to MH101

**UK, EU & INTERNATIONAL APPLICANTS TO FULL-TIME DEGREES**

**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 199.

**MINIMUM ENTRY REQUIREMENTS**

Before CAO points can be calculated for any degree, the student 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

A minimum of grade C or better in 2 subjects at A Level (grades A and E, or grades B and D, are acceptable in lieu of 2 grade Cs at A level).

Students must achieve a minimum of grade C in English at GCSE level.

Since students from outside the Republic of Ireland are automatically entitled to an exemption from Irish, students 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 have certain subject requirements at either GCSE or A Level. For instance, Science degrees will require Grade C in a Science subject and Grade B Mathematics at a minimum of GCSE level. Any such extra subject requirements are listed under the individual degrees in this handbook.

For some degrees, students must achieve a minimum of grade C in another language at GCSE level.

**When all of the above has been met, the points are calculated on the basis of:**

- [i] 4 subjects at A Level
- [ii] 3 subjects at A Level plus a fourth subject at AS
- [iii] 3 subjects at A level
- [iv] 2 subjects at A Level and AS

**The Extended Essay is treated as an AS Level.**

Points cannot be combined for the same subject at A and AS Level.
DEFERING, TRANSFERRING & OCCASIONAL STUDENTS

DEFERING

Under certain circumstances, you may defer your place for one year. Contact the Admissions Office, visit the website or consult the CAO for more information.

Maynooth University Admissions Office, Humanity House, South Campus
Tel: +353 1 708 3822
admissions@mu.ie
www.maynoothuniversity.ie/howtoapply

TRANSFERRING

Students from other universities and third-level institutes may apply for admission to second or third year of a degree course at Maynooth University if they have obtained relevant awards, e.g. OECD/HETAC. Preference is normally given to candidates who have attained merit or distinction grades.

You may also be considered for entry to the second year of a degree course if you have successfully completed the first year of a similar degree in another recognised institution, or have completed a Higher Certificate. In such cases, Leaving Certificate points requirements for the new degree course may be taken into consideration, as well as your first year examination results.

In some cases transfer into third year is possible for holders of ordinary degrees in related disciplines. All students must apply to the Admissions Office. Completed applications must be received before 7th July 2019. If you are taking summer examinations, include the results with your application and enclose a certified copy of transcripts of results and make an online payment of the application fee of €25.

Any non-EU International student wishing to transfer from another university or third-level institute must apply for admission through the International Office. Transfer applications must be received before 1st July 2019. Application forms may be downloaded directly from the International Office website.

OCCASIONAL STUDENTS

An occasional student 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 Office for more details and an application form.

Maynooth University Admissions Office, Humanity House, South Campus
Tel: +353 1 708 3822
admissions@mu.ie
www.maynoothuniversity.ie/howtoapply

Please note:

EU and non-EU/International students, not residing in Ireland, wishing to study at Maynooth University for one semester or one academic year are not considered Occasional Students but rather are considered to be exchange students. These students therefore apply through the International Office.

www.maynoothuniversity.ie/international

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.

Tel: +353 1 708 3822
admissions@mu.ie
# PLAN YOUR ACADEMIC YEAR

## 2019 – 2020

### First Semester

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>September</td>
<td></td>
</tr>
<tr>
<td>First year orientation and registration</td>
<td>16-20 September 2019</td>
</tr>
<tr>
<td>Lectures commence</td>
<td>23-27 September 2019</td>
</tr>
<tr>
<td>Fairs Day (opportunity to join Clubs &amp; Societies)</td>
<td>2 October 2019</td>
</tr>
<tr>
<td>October</td>
<td></td>
</tr>
<tr>
<td>Halloween Ball</td>
<td>October 2019</td>
</tr>
<tr>
<td>Study Week</td>
<td>28 October - 1 November 2019</td>
</tr>
<tr>
<td>December</td>
<td></td>
</tr>
<tr>
<td>Conclusion of lectures</td>
<td>16-20 December 2019</td>
</tr>
<tr>
<td>Christmas vacation</td>
<td>23-27 December 2019</td>
</tr>
<tr>
<td>January</td>
<td></td>
</tr>
<tr>
<td>Study week</td>
<td>6-11 January 2020</td>
</tr>
<tr>
<td>First semester exams</td>
<td>13-25 January 2020</td>
</tr>
<tr>
<td>Inter-semester break</td>
<td>27-31 January 2020</td>
</tr>
</tbody>
</table>

### Second Semester

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td></td>
</tr>
<tr>
<td>Conclusion of lectures</td>
<td>16-20 December 2019</td>
</tr>
<tr>
<td>Christmas vacation</td>
<td>23-27 December 2019</td>
</tr>
<tr>
<td>Study week</td>
<td></td>
</tr>
<tr>
<td>Study week</td>
<td>6-11 January 2020</td>
</tr>
<tr>
<td>First semester exams</td>
<td>13-25 January 2020</td>
</tr>
<tr>
<td>Inter-semester break</td>
<td>27-31 January 2020</td>
</tr>
<tr>
<td>February</td>
<td></td>
</tr>
<tr>
<td>Lectures resume</td>
<td>3-7 February 2020</td>
</tr>
<tr>
<td>March</td>
<td></td>
</tr>
<tr>
<td>Study Week</td>
<td>16-20 March 2020</td>
</tr>
<tr>
<td>April 2020</td>
<td></td>
</tr>
<tr>
<td>Clubs &amp; Societies Awards</td>
<td>April 2020</td>
</tr>
<tr>
<td>Easter vacation</td>
<td>10-17 April 2020</td>
</tr>
<tr>
<td>May 2020</td>
<td></td>
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<tr>
<td>Conclusion of lectures</td>
<td>6-8 May 2020</td>
</tr>
<tr>
<td>Study week</td>
<td>11-18 May 2020</td>
</tr>
<tr>
<td>Summer Ball</td>
<td>May 2020</td>
</tr>
<tr>
<td>Second semester examinations</td>
<td>18 May - 6 June 2020</td>
</tr>
</tbody>
</table>

Dates may change.
LEAVING CERTIFICATE
MINIMUM ENTRY REQUIREMENTS
CONTINUED

Part-Time Degrees

<table>
<thead>
<tr>
<th>CAO Code</th>
<th>Sub-option Code</th>
<th>Degree Name</th>
<th>Points 2018</th>
<th>Irish</th>
<th>English</th>
<th>Third Language</th>
<th>Maths</th>
<th>Science</th>
<th>Other Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH001</td>
<td>Early Childhood – Teaching and Learning (part-time)</td>
<td>356</td>
<td>P</td>
<td>P</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>MH002</td>
<td>Community and Youth Work (part-time, in-service)</td>
<td>0</td>
<td>P</td>
<td>P</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MH003*</td>
<td>Local Studies or Community Studies (part-time, evening) - mature applicants only</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>BLIS</td>
<td>BA in Local Studies</td>
<td>0</td>
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<td></td>
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<td></td>
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<tr>
<td>BCS</td>
<td>BA in Community Studies</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* OPC (Open CT/TH) option available: decide on your chosen stream within this degree following admission. You must meet minimum entry requirements for that stream.
P Pass required: O6 or H7. Foundation level Mathematics is accepted for matriculation (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.

No beginner stream in this subject – Leaving Certificate H5 or equivalent required. H4 from 2020.

Recommended grade.

H2 Leaving Certificate Mathematics or equivalent required.
Leaving Certificate H5 in Music or equivalent required.
S O6 or H7 Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry).
M A pass in Leaving Certificate Applied Mathematics is acceptable as a Science subject.

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 2 Higher Level H5 and 4 Ordinary or Higher Level O6/H7.

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

3. Foundation level Mathematics is accepted for matriculation (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 66
- Pass 88

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.

www.maynoothuniversity.ie/level8
The Maynooth Education – New Undergraduate Curriculum

We have further developed the undergraduate curriculum at Maynooth. New initiatives include more opportunities for internships as part of the experiential learning programme. New critical skills courses and electives are also available from 2019 (see p. 12 for details or maynoothuniversity.ie/maynootheducation).

Changes in the CAO Handbook

- New degrees: MH207 BSc Data Science and MH402 BSc Quantitative Finance. Both degrees require a 01/H5 Mathematics and we have removed the sub-option codes for MH101 Arts and MH304 Engineering to make the CAO application process simpler.
- European Studies and Music Technology which were previously separate degrees are now offered as arts subjects. European Studies is a 15 credit subject in first year, and precludes taking other subjects in Groups 2 and 6.
- Statistics is now available as a subject from first year in Arts and second year in Science.
- There is a new Data Science subject in first science. Students may follow on with Statistics if they wish. Data Science may not be taken with Critical Skills.
- Statistics may now be taken from second year in science.
- Mathematics is a first year subject taken by all science students and satisfies the pre-requisites for taking up Statistics in second year.
- We have added Computer Science as a teaching subject in the M2H12 BSc Mathematics and Computer Science (with Education) degree stream.
- In first year students take Mathematics, Computer Science, Mathematical Physics and Experimental Physics.
- From second year students can take Mathematics and Computer Science or Mathematics with Mathematical Physics (Leaving Certificate Applied Mathematics).
- Students need a H4 in Mathematics to choose either stream.
- In first year, Sociology is now a single subject only. 15 credits. In Arts (previously students could take a Sociology as a double subject, 30 credits). Students can take a Sociology and Politics combination (30 credits).

Changes in Entry Requirements

- From 2020, students wishing to take Irish or French in Arts will be required to have a H4 in the respective language. The entry standard to take German and Spanish at intermediate level is also H4. There is a 3D credit beginner option in German and Spanish.
- Both Computer Science and Physical Education are acceptable as new Leaving Certificate subjects for matriculation purposes. Computer Science is also acceptable as a science subject for entry to all science and engineering degrees.

Change to GCSE Requirements

- The points allocation for A and AS levels have been revised.
- We have added the Extended Essay as acceptable, attracting the same points as an AS level.

Important Dates

- November 23 & 24 2018
  - Maynooth University Open Days
  - February 9 2019
  - CAO Information Evening – Maynooth University
  - March 23 2019
  - Bachelor of Music (MH103) entrance test
  - April 6 & June 22 2019
  - Spring and Summer Open Days
  - June 10-14 2019
  - Summer School
  - April & August 2019
  - Engineering Maths Examination for applicants to MH304 Electronic Engineering
  - September 2019
  - Information Day for Principals and Guidance Counsellors

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 on the basis of 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 waivered in exceptional circumstances.

Outside of tuition fees, all students must make a payment for registration, examinations and student services. The above is the fee policy which applied to entry in 2018. 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 Office.

Maynooth University Fees Office
+353 1 708 4747 / 3875
fees.office@mu.ie
www.maynoothuniversity.ie/student-fees-grants

Grants

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 grant. To qualify for the grant, you must meet certain criteria, including in relation to academic achievement, and undergo a means test. The grant-awarding authority is Student Universal Support Ireland (SUSI). SUSI processes all grant applications for 2019-2020 through www.studentfinance.ie.

FEES FOR INTERNATIONAL STUDENTS

All non-EU/overseas students must contact the International Office prior to registration with the University.

International Office
+353 1 708 3868
international.office@mu.ie
www.maynoothuniversity.ie/international
POSTGRADUATE STUDY
AT MAYNOOTH UNIVERSITY

RESEARCH DEGREES
Masters degrees by research and Doctoral degrees are available in the following areas. We also have a range of Postgraduate Taught Master’s programmes, Certificates and Postgraduate Diplomas. Application dates for Masters and Diploma programmes vary depending upon the programme.

Apply online at www.pac.ie/maynoothuniversity

Adult and Community Education
Anthropology
Applied Social Studies
Biological Sciences
Business
Chemistry
Chinese Studies
Computer Science
Criminology
Design Innovation
Digital Humanities
Economics, Finance and Accounting
Education
Electronic Engineering
English
Experimental Physics
Finance
French
Geocomputation
Geography
German
International Development
Law
Mathematics & Statistics
Mathematical Physics
Media Studies
Medieval Irish
History
Music
Nua-Ghaeilge
Philosophy
Psychology
Sociology
Spanish

TAUGHT MASTERS PROGRAMMES

Adult and Community Education
› MEd Adult & Community Education
› MEd Adult Guidance and Counselling

Ancient Classics
› MA in Ancient, Medieval and Renaissance Thought
› MA Classical Studies
› MA Classics

Anthropology
› MA Anthropology
› MA Anthropology & Development
› MA Anthropology (Linguistic Anthropology)
› MA Cultural Differences & Transitional Processes

Applied Social Studies
› MScSocSci Community & Youth Work
› MScSocSci Social Science (Rights & Social Policy)

Biological Sciences
› MSc Immunology & Global Health

Business
› MSc Business Management
› MSc IT Enabled Innovation
› MSc Strategy & Innovation

Celtic Studies
› MA Early Irish
› MA Nua-Ghaeilge

Chinese Studies
› MA Chinese Studies

Computer Science
› MSc Computer Science (Applied)
› MSc Computer Science (Software Engineering)
› MSc Data Science and Analytics
› MSc Dependable Software Systems
› MSc Geocomputation

Design Innovation
› MSc Design Innovation

Edward Kennedy Institute
› MA International Peace Building, Security and Development Practice
› MA Mediation and Conflict Intervention

Electronic Engineering
› MSc Digital Health and Medical Technologies
› MSc Electronic Engineering (Embedded and Wireless Systems)

Economics, Finance & Accounting
› MA Accounting
› MSc Economics
› MSc Economic & Financial Risk Analysis
› MSc Finance

Education
› Master of Education
› MEd School Guidance & Counselling
› Professional Master of Education (Secondary Teaching)

English
› MA English (Literatures of Engagement)

Froebel Department of Primary and Early Childhood Education
› Professional Master of Education (Primary Teaching)

Geography
› MA Geography
› MA Geographical Information Systems and Remote Sensing
› MSc Climate Change

History
› MA in Historical Archives
› MA Irish History
› MA European History
› MA Military History & Strategic Studies

International Development
› MA International Development
› MA International Peace Building, Security and Development Practice

Law
› LLM Master of International Business Law
› LLM Master of International Justice
› LLM Master of Global Legal Studies
› MA Comparative Criminology and Criminal Justice

Mathematics
› MA Mathematics
› MSc Data Science and Analytics
› MSc Mathematics

Media Studies
› MA Critical & Creative Media

Modern Languages, Literature & Cultures
› MA French
› MA in Modern Languages, Literatures and Cultures (Narratives of Conflict)
  - French/German/ Spanish
› MA German
› MA Spanish & Latin American Studies

Music
› MA Composition
› MA Creative Music Technologies
› MA Irish Traditional Music
› MA Musicology
› MA Performance & Musicology

Philosophy
› MA Philosophy, Politics & Economics
› MA in Ancient Medieval and Renaissance Thought
› MA in Modern & Contemporary Philosophy
› MA in Philosophy
› MA Philosophy of Religion

Sociology
› MA Sociology (Internet & Society)
› MA Sociology (Sociologies in Transition)

Theoretical Physics
› MSc Mathematical Science

The Language Centre
› MA in Irish (Primary Teaching)
› MA in Irish (Secondary Teaching)

We also offer a broad range of Research Programmes. See website for details.

POSTGRADUATE DIPLOMAS*

Adult and Community Education
› HDip Further Education
› PGDip Arts (Adult Guidance & Counselling)

Education
› PGDip Educational Leadership & Management (Future Leaders Programme)

Computer Science
› HDip Information Technology
› HDip Science (Software Development)

Edward Kennedy Institute
› PG Cort Mediation & Conflict Intervention (Peace Process Practices) PT

*This is a sample of the Postgraduate Diplomas available. Please visit the website for the full list.

MAYNOOTH UNIVERSITY
RESEARCH FUNDING

The University provides postgraduate scholarships for prospective students intending to pursue a PhD. Funding is awarded on a competitive basis. Please contact graduatestudents@mu.ie for further information.

MAYNOOTH UNIVERSITY
TAUGH MASTERS FUNDING

Maynooth provides postgraduate scholarships for students undertaking a taught postgraduate course. Support is awarded on a competitive basis. Please contact graduatestudents@mu.ie for further information.

POSTGRADUATE ADMISSIONS
+353 1 708 6018
graduatestudies@mu.ie
www.maynoothuniversity.ie/postgraduate
Facebook: PostGraduateMaynooth
Twitter: @mu_postgrad

on wechat

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NUI CERTIFICATES & DIPLOMAS
AT MAYNOOTH UNIVERSITY

NUI PROFESSIONAL DEVELOPMENT COURSES

NUI Certificates Adult Guidance, Theory & Practice
  + 353 1 708 3752
Communication & Group Skills for Managers
  + 353 1 708 6062
Equality Studies in Training & Development (online)
  + 353 1 708 6062
Training & Continuing Education (Train The Trainer Level 7)
  + 353 1 708 6062

NUI DIPLOMAS

Diploma in Arts: Addiction Studies Level B
  + 353 1 708 6062
Diploma in Arts: Adult Guidance and Counselling
  + 353 1 708 3752
Jewellery and Goldsmithing Skills and Design Course
  + 353 776 1804
Diploma in Arts: Equality Studies in Training and Development (On Line)
  + 353 1 708 6062

Diploma in Arts: Training and Development (for Socially Inclusive Workplaces)
  + 353 1 708 6062

Language Centre:
An Diplomá i Gileadh na Gailege (Busáin Físta)
  + 353 1 708 6417 / + 353 1 474 7145

For more information about NUI Certificate and Diploma courses call the numbers listed or visit www.maynoothuniversity.ie/adult-and-community-education on webchat

GLOSSARY OF TERMS

Studying at third level differs in many ways from second level and further education. Along with a considerably larger campus comes a new university language. Here’s some terms to get you started.

ACADEMIC ADVISORY OFFICE
This office functions as a convenient first point of contact for students who wish to seek advice on general issues that may arise from their relationship with the University. Information is also provided which will assist students in accessing information on regulations and progression routes to their degree.

ACCESS COURSES
Courses designed to prepare students for entry into Higher Education, and which provide the underpinning knowledge and skills needed to progress to a degree course at a university or college.

ALUMNI
Graduates of the University. Maynooth Alumni Association provides a range of benefits, as well as the chance to stay involved with Maynooth University.

ASSESSMENT
Process of checking and marking coursework. Depending on the degree course, assessments may include examinations, essays, project work, reports or a combination of any of these.

ASSIGNMENTS
Assignments take the form of essays or project work, which require reading and independent research. A certain amount of marks will be given for assignments, and these will contribute to the overall grade for continuous assessment each year. In first year, students are given guidelines on how to prepare and present assignments.

BACHELORS DEGREE
Undergraduate degree qualification awarded by the University (also referred to as a ‘first degree’).

BTEC AWARDS
Award given for vocational subjects by the British Business and Technology Education Council.

CAREER DEVELOPMENT CENTRE
This centre provides expert information and advice on career prospects, including help in developing CVs and finding graduate opportunities.

CONTINUOUS ASSESSMENT
Refers to the assessment of students’ ongoing work, rather than an end of term examination or essay.

COURSE WORK
A piece of work required as part of a degree course.

CRITICAL SKILLS COURSES
Optional 15 credit first year courses designed to help students to learn, practice and develop various essential skills that will support their ongoing studies.

DEGREE
Usually three/four years full-time or four to six years part time leading to the University award of Bachelor or Master.

DEGREE CLASSIFICATION
The grading scheme for undergraduate degrees. Honours degrees can either be first class, ‘upper’ (2:1) and ‘lower’ (2:2) second class, or third class honours.

DISSERTATION
A major written piece of work or research project undertaken in the final year of an undergraduate honours degree course.

ECTS - EUROPEAN CREDIT TRANSFER SCHEME
This is a standard for comparing the study attainment and performance of students of higher education across the European Union and other collaborating European countries. For successfully completed studies, ECTS credits are awarded. One academic year corresponds to 60 ECTS credits.

ELECTIVES
Electives allow students to expand their university education by providing the opportunity to study an area outside of their chosen degree programme. An Elective is 10 credits and would make up 1/8 of a student’s study in second year.

ENROLMENT
The process where students become registered with the University.

ESSAY
A written piece of work on a particular topic.

FACULTY
A group of academic departments defined by shared interests (e.g. Social Sciences).

FETAC
The Further Education Training and Awards Council. This is now called QQI.

FOUNDATION YEAR
If an applicant’s qualifications are not in the required subjects, or at the required grades to meet the entry requirements for the chosen degree, they may be in a position to do a one year foundation course. If this foundation course is completed to the required standard, the applicant is guaranteed a place on the first year of their chosen degree.

FRESHER
A term used for undergraduate students starting the first year of their course.

GRADUATE
Someone who has successfully completed a degree programme at the University. Maynooth graduates are automatic members of the Maynooth Alumni Association.
An applicant who is 23 years of age on January 1st of the year of entry to the University is required to have a bachelors degree.

MAYNOOTH EDUCATION

New revised curriculum that offers greater flexibility and choice to students, including: broader CAO entry routes, optional first year Critical Skills courses, optional second year Electives, more flexible progression routes in second year and experiential learning. Some restrictions apply depending on specific degree accreditation requirements.

MODELS

Degree programmes are made up of modules in a range of subjects. A module is a self-contained fraction of the workload for the year, and carries a unique examination or assessment mark. Different modules are given different credit weightings, for example, a module on the study of modern drama, as part of English Literature (MH101), may be 7.5 credits. An entire year of an undergraduate degree programme is typically 60 credits. The credit system is based on the European Credit Transfer System (ECTS), which provides common procedures, to guarantee academic recognition of studies at institutions offering ECTS-based programmes across Europe.

Within the chosen degree programme, there is a range of modules – some compulsory, some required, and some optional. Compulsory and optional modules are just that. Required modules are compulsory and must be passed in order to progress to the next year of your degree.

For more information on modules, and to see the structure of the various degree programmes in terms of modules and credits visit www.maynoothuniversity.ie/ourcourses

Moodle

Moodle is a password-protected space used by staff and students at Maynooth University to share teaching materials, information and online activities. The lecturers using Moodle direct students towards the relevant spaces for the modules they teach.

QQ

Quality and Qualifications Ireland. Their functions include those previously carried out by FETAC, HETAC, the Irish Universities Quality Board (IUQB) and the National Qualifications Authority of Ireland (NQAI).

SINGLE MAJOR, MAJOR/MINOR, DOUBLE MAJOR, MINOR

Students normally take 60 credits in each academic year. Single Major: students normally take 50 or 60 credits in one subject. Major/Minor: students take 40 credits in their Major subject and 20 credits in their Minor. A Double Major degree is 30 credits in each of two subjects.
The information contained in this publication is intended as a guide for those seeking admission to Maynooth University and does not constitute a contract or any terms thereof between the University and any intending applicant or any third party. Neither is it intended to give rise to legal obligations of any kind on the part of the University or its employees. The University reserves the right at any time, or from time to time, to cancel, revise, amend, or alter programmes of study and academic regulations. The University is not responsible for and shall not be bound by any errors in, or omissions from this publication.

Work placements, which are part of many of our degree programmes are not guaranteed. Students are responsible for incidental expenses relating to work placements. Please note that many courses receive funding from the ESF (European Social Fund) including: BSc Computer Science and Software Engineering, BSc Multimedia, Mobile and Web Development, BE Engineering Common Entry, BSc Product Design, BSc Robotics and Intelligent Devices, as well as Student Access and Student Disability.

Information may be subject to change.
See www.maynoothuniversity.ie for the latest information.

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# UNDERGRADUATE EVENTS 2018–2019

<table>
<thead>
<tr>
<th>EVENT</th>
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<tbody>
<tr>
<td>Open Days</td>
<td>Friday, 23rd November 2018</td>
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<tr>
<td></td>
<td>Saturday, 24th November 2018</td>
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<tr>
<td>CAO Information Evening</td>
<td>Wednesday, 9th January 2019</td>
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<tr>
<td>Spring Open Day</td>
<td>Saturday, 6th April 2019</td>
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<tr>
<td>Summer School</td>
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<td>Summer Open Day</td>
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<td>Information Day for School Principals and Guidance Counsellors</td>
<td>Tuesday, 3rd September 2019</td>
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<td>Campus Tours</td>
<td>Any stage during the year</td>
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<tr>
<td>Schools’ Liaison</td>
<td>We visit schools and attend careers fairs throughout the year</td>
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For details of the locations and times of all undergraduate events check [www.maynoothuniversity.ie/undergraduatevents](http://www.maynoothuniversity.ie/undergraduatevents)