



**MAYNOOTH  
UNIVERSITY  
UNDERGRADUATE  
PROSPECTUS  
2023**



QUESTIONS ABOUT STUDYING  
AT MAYNOOTH UNIVERSITY?  
**CHAT WITH US NOW**  
**WWW.MU.IE/LEVEL8**



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# FIND YOUR DEGREE BY AREA OF INTEREST

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

### THE MAYNOOTH BACHELOR OF ARTS DEGREE MH101 SECTION 1

<b>MH101 OVERVIEW</b>	<b>44</b>	<b>History</b>	82
<b>BACHELOR OF ARTS SUBJECTS</b>		<b>International Development</b>	84
<b>Accounting</b>	48	<b>Law</b>	86
Also available in specialised degrees - see <a href="#">section 3</a>		Also available in specialised degrees - see <a href="#">section 8</a>	
<b>Anthropology</b>	50	<b>Mathematical Physics</b>	88
Also available in the BBS/BBA Business and Global Cultures MH404 BGC/IGC/MGC - see <a href="#">section 3</a>		Also available in specialised degrees - see <a href="#">section 2</a> and <a href="#">section 9</a>	
<b>Business (International)</b>	52	<b>Mathematical Studies</b>	90
Also available in specialised degrees - see <a href="#">section 3</a>		<b>Mathematics (Pure)</b>	92
<b>Business (Management)</b>	54	Also available in the Bachelor of Science degree - see <a href="#">section 2</a> and <a href="#">section 9</a>	
Also available in specialised degrees - see <a href="#">section 3</a>		<b>Media &amp; Cultural Studies</b>	94
<b>Business (Marketing)</b>	56	Also available in specialised degree - see <a href="#">section 7</a>	
Also available in specialised degrees - see <a href="#">section 3</a>		<b>Medieval Celtic Studies</b>	96
<b>Chinese Studies</b>	58	<b>Music</b>	98
Also available in BBA Business and Languages degree MH409 - see <a href="#">section 3</a>		Also available in specialised degree - see <a href="#">section 7</a>	
<b>Computer Science</b>	60	<b>Music Technology</b>	100
Also available in specialised degrees - see <a href="#">section 4</a>		<b>Philosophy</b>	102
Also available in the Bachelor of Science degree - see <a href="#">section 2</a>		Also available in specialised degree MH603 - see <a href="#">section 4</a>	
<b>Criminology</b>	62	<b>Politics</b>	104
Also available in specialised degrees - see <a href="#">section 8</a>		<b>Psychological Studies</b>	106
<b>Economics</b>	64	Psychology available in specialised degrees - see <a href="#">section 7</a> and <a href="#">section 9</a>	
Also available in specialised degree MH415 BSc Economics and in other specialised degrees - see <a href="#">section 3</a>		<b>Sociology</b>	108
<b>English</b>	66	Also available in specialised degree MH107 - see <a href="#">section 7</a>	
<b>Finance</b>	68	<b>Spanish</b>	110
Also available in specialised degrees - see <a href="#">section 3</a>		Also available in BBA Business and Languages degree MH409 - see <a href="#">section 3</a>	
<b>French</b>	70	<b>Statistics</b>	112
Also available in BBA Business and Languages degree MH409 - see <a href="#">section 3</a>		Also available in the Bachelor of Science degree - see <a href="#">section 2</a>	
<b>Gaeilge   Nua-Ghaeilge (Modern Irish)</b>	72	Also available in specialised degrees: MH207 BSc Data Science p. 192 and MH402 BSc Quantitative Finance p. 131	
<b>Geography</b>	76		
Also available in the BSc Biological and Geographical Sciences - see <a href="#">section 9</a>			
<b>German</b>	78		
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### THE MAYNOOTH BACHELOR OF SCIENCE DEGREE MH201 SECTION 2

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<b>BACHELOR OF SCIENCE SUBJECTS</b>		Also available in specialised degrees - see <a href="#">section 6</a>	
<b>Biology</b>	118	<b>Experimental Physics</b>	123
Also available in specialised degrees - see <a href="#">section 9</a>		Also available in specialised degrees - see <a href="#">section 9</a>	
<b>Chemistry</b>	119	<b>Mathematical Physics</b>	124
Also available in specialised degrees - see <a href="#">section 9</a>		Also available in specialised degrees - see <a href="#">section 9</a>	
<b>Computer Science</b>	120	<b>Mathematics</b>	125
Also available in specialised degrees - see <a href="#">section 4</a>		Also available in specialised degrees - see <a href="#">section 9</a>	
Also available in the Bachelor of Arts degree - see <a href="#">section 1</a>		Mathematics (Pure) and Mathematical Studies available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>Data Science</b>	121	<b>Statistics</b>	126
Also available in specialised degrees: MH207 BSc Data Science p. 192 and MH402 BSc Quantitative Finance p. 131		Also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
		Also available in specialised degrees: MH207 BSc Data Science p. 192 and MH402 BSc Quantitative Finance p. 131	

## OUR SPECIALISED DEGREES: SECTION 3 TO SECTION 9

### BUSINESS, ECONOMICS, FINANCE AND ACCOUNTING SPECIALISED DEGREES SECTION 3

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<b>BA Finance</b>	MH401 130
<b>BSc Quantitative Finance</b>	MH402 131
<b>BA Accounting and Finance</b>	MH403 132
Accounting & Finance also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BBS/BBA Business and Management</b>	MH404 BMA 133
<b>BBS/BBA International Business</b>	MH404 INB 134
<b>BBS/BBA Marketing</b>	MH404 MKT 135
<b>BBS/BBA Business and Global Cultures</b>	MH404 BGC/IGC/MGC 136
Business (International), Business (Management) & Business (Marketing) also available as subjects in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BBS/BBA Business and Accounting</b>	MH407 137
Accounting, Business (International), Business (Management) & Business (Marketing) also available as subjects in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BBA Business and Languages</b>	MH409 138
<b>BBS/BBA Entrepreneurship</b>	MH411 139
<b>BSc/BBA Business with Sport Science (NEW)</b>	MH412 140
<b>BSc Economics</b>	MH415 141
<b>BA International Economics (NEW)</b>	MH416 142
Economics also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BCL (Law and Accounting)</b>	MH502 LWA 143
<b>BCL (Law and Business)</b>	MH502 LWB 144
Accounting, Business (International), Business (Management), Law also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	

### COMPUTER SCIENCE SPECIALISED DEGREES SECTION 4

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<b>BSc Computer Science and Software Engineering (through Arts)</b>	MH601 CSA 148
<b>BSc Multimedia, Mobile and Web Development (through Arts)</b>	MH601 MWA 149
<b>BSc Computer Science and Software Engineering (through Science)</b>	MH602 CSS 150
<b>BSc Multimedia, Mobile and Web Development (through Science)</b>	MH602 MWS 151
<b>BSc Computational Thinking</b>	MH603 152
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### EDUCATION SPECIALISED DEGREES SECTION 5

Overview	154
<b>BEd Bachelor of Education - Froebel Primary Teaching</b>	MH001 156
<b>BEd Bachelor of Education - Froebel Primary Teaching (Gaeltacht Applicants)</b>	MH002 156
<b>BA Early Childhood - Teaching and Learning (full-time)</b>	MH003 157
<b>BA Early Childhood - Teaching and Learning (flexible)</b>	MH004 158
<b>BSc Science (with Education)</b>	MH212 SED 159
<b>BSc Mathematics and Computer Science (with Education)</b>	MH212 MCS 160
<b>BSc Mathematics (with Education)</b>	MH212 MED 161

### ELECTRONIC ENGINEERING SPECIALISED DEGREES SECTION 6

Overview	162
<b>BE Bachelor of Electronic Engineering</b>	MH304 164
Engineering Science available in the Bachelor of Science degree - see <a href="#">section 2</a>	
<b>BSc Robotics and Intelligent Devices</b>	MH306 166

### HUMANITIES AND SOCIAL SCIENCES SPECIALISED DEGREES SECTION 7

Overview	168
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Music & Music Technology also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BA Psychology</b>	MH106 171
Also available as a specialised Bachelor of Science degree MH209 - see <a href="#">section 9</a>	
Psychological Studies available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BSocSc Bachelor of Social Science</b>	MH107 172
<b>BA Media Studies</b>	MH109 173
Media & Cultural Studies also available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BSocSc Community and Youth Work (full-time)</b>	MH116 174
<b>BSc Product Design and Innovation</b>	MH305 175
<b>BA Community Studies (part-time, mature only)</b>	MH803 BCS 176
<b>BA Local Studies (part-time, mature only)</b>	MH803 BLS 177
<b>BA Theology &amp; Arts*</b>	MU001 -

\*This is a joint degree provided by St Patrick's College, Maynooth (SPCM) and Maynooth University. Further information about this degree is available from SPCM. See [www.maynoothcollege.ie](http://www.maynoothcollege.ie)

### LAW SPECIALISED DEGREES SECTION 8

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<b>LLB (Law)</b>	MH501 180
<b>BCL (Law and Accounting)</b>	MH502 LWA 181
<b>BCL (Law and Business)</b>	MH502 LWB 182
<b>BCL (Law and Criminology)</b>	MH502 LWC 183
<b>BCL (Law and Arts)</b>	MH502 LWD 184
Accounting, Business (International), Business (Management), Business (Marketing), Criminology & Law also available as subjects in the Bachelor of Arts degree - see <a href="#">section 1</a>	

### SCIENCE SPECIALISED DEGREES SECTION 9

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<b>BSc Biotechnology</b>	MH202 188
<b>BSc Biological and Geographical Sciences</b>	MH203 189
<b>BSc Physics with Astrophysics</b>	MH204 190
<b>BSc Theoretical Physics and Mathematics</b>	MH206 191
<b>BSc Data Science</b>	MH207 192
<b>BSc Biological and Biomedical Sciences</b>	MH208 193
<b>BSc Psychology (through Science)</b>	MH209 194
Psychology also available as a specialised Bachelor of Arts degree MH106 - see <a href="#">section 7</a>	
Psychological Studies available in the Bachelor of Arts degree - see <a href="#">section 1</a>	
<b>BSc Pharmaceutical and Biomedical Chemistry</b>	MH210 195
<b>BSc Science (with Education)</b>	MH212 SED 196
<b>BSc Mathematics and Computer Science (with Education)</b>	MH212 MCS 197
<b>BSc Mathematics (with Education)</b>	MH212 MED 198
<b>BSc/BBA Business with Sport Science (NEW)</b>	MH412 199

**OPC (CAO application option – open choice):**  
You can choose OPC on your CAO application and decide on your preferred degree stream following admission. You must meet the minimum entry requirements for your preferred stream. Available in these degrees:

- MH212
- MH404
- MH502
- MH601
- MH602
- MH803



# FIND YOUR DEGREE BY CAO CODE

CODE	COURSE	PAGE
MH001	BEd Bachelor of Education - Froebel Primary Teaching	156
MH002	BEd Bachelor of Education - Froebel Primary Teaching (Gaeltacht Applicants)	156
MH003	BA Early Childhood - Teaching and Learning degree (full-time)	157
MH004	BA Early Childhood - Teaching and Learning (flexible)	158
MH101	<b>The Maynooth Bachelor of Arts Degree</b>	44
MH103	BMus Bachelor of Music	170
MH106	BA Psychology	171
MH107	BSocSc Bachelor of Social Science	172
MH109	BA Media Studies	173
MH116	BSocSc Community and Youth Work (full-time)	174
MH201	<b>The Maynooth Bachelor of Science Degree</b>	116
MH202	BSc Biotechnology	188
MH203	BSc Biological and Geographical Sciences	189
MH204	BSc Physics with Astrophysics	190
MH206	BSc Theoretical Physics and Mathematics	191
MH207	BSc Data Science	192
MH208	BSc Biological and Biomedical Sciences	193
MH209	BSc Psychology (through Science)	194
MH210	BSc Pharmaceutical and Biomedical Chemistry	195
MH212	<b>SED</b> BSc Science (with Education)	196
MH212	<b>MCS</b> BSc Mathematics and Computer Science (with Education)	197
MH212	<b>MED</b> BSc Mathematics (with Education)	198
MH304	BE Bachelor of Electronic Engineering	164
MH305	BSc Product Design and Innovation	175
MH306	BSc Robotics and Intelligent Devices	166
MH401	BA Finance	130
MH402	BSc Quantitative Finance	131
MH403	BA Accounting and Finance	132
MH404	<b>BMA</b> BBS/BBA Business and Management	133
MH404	<b>INB</b> BBS/BBA International Business	134
MH404	<b>MKT</b> BBS/BBA Marketing	135
MH404	<b>BGC/IGC/MGC</b> BBS/BBA Business and Global Cultures	136
MH407	BBS/BBA Business and Accounting	137
MH409	BBA Business and Languages	138
MH411	BBS/BBA Entrepreneurship	139
MH412	BSc/BBA Business with Sport Science ( <b>NEW</b> )	140
MH415	BSc Economics	141
MH416	BA International Economics ( <b>NEW</b> )	142
MH501	Law (LLB)	180
MH502	<b>LWA</b> BCL (Law and Accounting)	181
MH502	<b>LWB</b> BCL (Law and Business)	182
MH502	<b>LWC</b> BCL (Law and Criminology)	183
MH502	<b>LWD</b> BCL (Law and Arts)	184
MH601	<b>CSA</b> BSc Computer Science and Software Engineering (through Arts)	148
MH601	<b>MWA</b> BSc Multimedia, Mobile and Web Development (through Arts)	149
MH602	<b>CSS</b> BSc Computer Science and Software Engineering (through Science)	150
MH602	<b>MWS</b> BSc Multimedia, Mobile and Web Development (through Science)	151
MH603	BSc Computational Thinking	152
MH803	<b>BCS</b> BA Community Studies (part-time, mature only)	176
MH803	<b>BLS</b> BA Local Studies (part-time, mature only)	177

### OPC (CAO application option – open choice):

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

**MH212**  
**MH404**  
**MH502**  
**MH601**  
**MH602**  
**MH803**

# LEAVING CERTIFICATE MINIMUM ENTRY REQUIREMENTS

CAO Code	Sub-option Code	Degree Name	Points 2022	Irish	English	Third Language	Maths	Science	Other Subjects
MH001		Education – Froebel Primary Teaching	540	H4	O4/H7		O4/H7		3
MH002^		Education – Froebel Primary Teaching (Gaeltacht Applicants)	543^	H3	O4/H7		O4/H7		3
MH003		Early Childhood - Teaching and Learning (full-time)	387	P	P				4
MH004^^		Early Childhood - Teaching and Learning (flexible)	^^	-	-	-	-	-	-
MH101		Arts	338	P	P	P			3
		> Accounting		P	P	P	O4/H7 <sup>a</sup>		3
		> Anthropology		P	P	P			3
		> Business (International)		P	P	P	O4/H7 <sup>a</sup>		3
		> Business (Management)		P	P	P	O4/H7 <sup>a</sup>		3
		> Business (Marketing)		P	P	P	O4/H7 <sup>a</sup>		3
		> Chinese Studies		P	P	P			3
		> Computer Science		P	P	P	O3/H7 <sup>a</sup>		3
		> Criminology		P	P	P			3
		> Economics		P	P	P	O4/H7 <sup>a</sup>		3
		> English		P	P	P			3
		> Finance		P	P	P	O4/H7 <sup>a</sup>		3
		> French		P	P	P			3
		> Gaeilge   Nua-Ghaeilge <sup>b</sup>		H4	P	P			3
		> Geography		P	P	P			3
		> German		P	P	P			3
		> Greek and Roman Civilization		P	P	P			3
		> History		P	P	P			3
		> International Development		P	P	P			3
		> Law		P	P	P			3
		> Mathematical Physics		P	P	P	O3/H7 <sup>a</sup>		3
		> Mathematical Studies		P	P	P	O3/H7 <sup>a</sup>		3
		> Mathematics (Pure)		P	P	P	H2 <sup>c</sup>		2
		> Media & Cultural Studies		P	P	P			3
		> Medieval Celtic Studies		P	P	P			3
		> Music <sup>d</sup>		P	P	P			3
		> Music Technology		P	P	P	O3/H7 <sup>a</sup>		3
		> Philosophy		P	P	P			3
		> Politics		P	P	P			3
		> Psychological Studies		P	P	P			3
		> Sociology		P	P	P			3
		> Spanish		P	P	P			3
		> Statistics		P	P	P	O3/H7 <sup>a</sup>		3
MH103		Music <sup>e</sup>	#	P	P	P			3
MH106		Psychology	530	P	P	P			3
MH107		Social Science	350	P	P	P			3
MH109		Media Studies	371	P	H5	P			3
MH116		Community and Youth Work (full-time) <sup>f</sup>	#	P	P	P			3

# LEAVING CERTIFICATE MINIMUM ENTRY REQUIREMENTS

## CONTINUED

CAO Code	Sub-option Code	Degree Name	Points 2022	Irish	English	Third Language	Maths	Science	Other Subjects
MH201		Science	400	P	P		O4/H7	S M	2
		> Biology		P	P		O4/H7	S M	2
		> Chemistry		P	P		O4/H7	S M	2
		> Computer Science		P	P		O4/H7	S M	2
		> Data Science		P	P		O4/H7	S M	2
		> Engineering Science		P	P		O4/H7	S M	2
		> Experimental Physics		P	P		O4/H7	S M	2
		> Mathematical Physics		P	P		O4/H7	S M	2
		> Mathematics		P	P		O4/H7	S M	2
		> Statistics		P	P		O4/H7	S M	2
MH202		Biotechnology	467	P	P		O4/H7	S	2
MH203		Biological and Geographical Sciences	440	P	P		O4/H7	S <sup>9</sup>	2
MH204		Physics with Astrophysics	423	P	P		O4/H7	S M	2
MH206		Theoretical Physics and Mathematics	510	P	P		H2	S M	2
MH207		Data Science	454	P	P		O1/H5	S M	2
MH208		Biological and Biomedical Sciences	521	P	P		O4/H7	S	2
MH209		Psychology (through Science)	510	P	P		O4/H7	S	2
MH210		Pharmaceutical and Biomedical Chemistry	511	P	P		O4/H7	S	2
MH212 <sup>•</sup>	SED	Science (with Education)	443	P	P		O4/H7	S M	2
	MCS	Mathematics and Computer Science (with Education)	443	P	P		H4	S M	2
	MED	Mathematics (with Education)	443	P	P		H4	S M	2
MH304		Electronic Engineering	307	P	P		H4 Δ ∅	S M ‡	2
MH305		Product Design and Innovation	362	P	P		O3/H7	S T	2
MH306		Robotics and Intelligent Devices	352	P	P		O3/H7		3
MH401		Finance	350	P	P		O4/H7		3
MH402		Quantitative Finance	477	P	P		O1/H5		3
MH403		Accounting and Finance	400	P	P		O4/H7		3
MH404 <sup>•</sup>	BMA	Business and Management	433	P	P		O4/H7		3
	INB	International Business	433	P	P		O4/H7		3
	MKT	Marketing	433	P	P		O4/H7		3
	BGC	Business and Management and Global Cultures	433	P	P		O4/H7		3
	IGC	International Business and Global Cultures	433	P	P		O4/H7		3
MGC	Marketing and Global Cultures	433	P	P		O4/H7		3	
MH407		Business and Accounting	402	P	P		O4/H7		3
MH409		Business and Languages	400	P	P		O4/H7		3
MH411		Entrepreneurship	368	P	P		O4/H7		3
MH412		Business with Sport Science (NEW)	N/C	P	P		O4/H7		3
MH415		Economics	475	P	P		O1/H5		3
MH416		BA International Economics (NEW)	N/C	P	P		O4/H7		3
MH501		LLB Law	496	P	P				4
MH502 <sup>•</sup>	LWA	Law and Accounting	452	P	P		O4/H7		3
	LWB	Law and Business	452	P	P		O4/H7		3
	LWC	Law and Criminology	452	P	P				4
	LWD	Law and Arts	452	P	P				4

CAO Code	Sub-option Code	Degree Name	Points 2022	Irish	English	Third Language	Maths	Science	Other Subjects
MH601 <sup>•</sup>	CSA	Computer Science and Software Engineering (through Arts)	391	P	P		O3/H7		3
	MWA	Multimedia, Mobile and Web Development (through Arts)	391	P	P		O3/H7		3
MH602 <sup>•</sup>	CSS	Computer Science and Software Engineering (through Science)	410	P	P		O3/H7		3
	MWS	Multimedia, Mobile and Web Development (through Science)	410	P	P		O3/H7		3
MH603		Computational Thinking	509	P	P		H2		3
<b>Part-time or Flexible Degrees</b>									
MH004 <sup>^^</sup>		Early Childhood - Teaching and Learning (flexible)	^^	-	-	-	-	-	-
MH803 <sup>•</sup>		Local Studies or Community Studies (part-time, evening) - mature applicants only i.e. 21 years of age or older on 1 January 2023	ÿ						
	BLS	BA in Local Studies	ÿ						
	BCS	BA in Community Studies	ÿ						

a	Recommended grade.	M	A pass in Leaving Certificate Applied Mathematics is acceptable as a science subject.	‡	Technology can be substituted for a science subject.
b	No beginner stream in this subject – Leaving Certificate H4 or equivalent required.	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.	∅	Minimum requirement for this course for applicants under 23 years of age is 350 points.
c	H2 Leaving Certificate Mathematics or equivalent required.	S	O6 or H7 science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry).	Δ	Our Engineering Mathematics exam is available for applicants who have not attained the required H4 in Mathematics. <a href="http://www.mu.ie/mathsexam">www.mu.ie/mathsexam</a> .
d	Leaving Certificate H5 in Music or equivalent required.	T	A pass in Engineering, Technology, Construction Studies, Applied Mathematics, Computer Science or Design & Communication Graphics is acceptable instead of a science subject.	#	Restricted course. Selection for these restricted courses is on the basis of one or a combination of a portfolio/ test/audition as well as meeting any matriculation requirements.
g	Geography is acceptable as a science subject			□	Selection by assessment and/or interview.
^	Gaeltacht Language Planning Area residency required			*	Random Selection - not all applicants on these points were offered places.
			• OPC (CAO application option - open choice): Choose OPC on your CAO application and decide on your preferred degree stream following admission. You must meet the minimum entry requirements for your preferred stream.	^^	Applications to MH004 BA Early Childhood - Teaching and Learning (flexible) are made on the Advanced Entry portal on the CAO website. Minimum QQI level 6 in Early Childhood Education & Care required.
				ÿ	Mature entry only (21 on January 1st of the year of entry).
				N/C	New Course

### GENERAL NOTES RE: MATRICULATION

- Minimum entry requirements for all degrees (apart from MH001/ MH002): applicants must present a minimum of 6 subjects in their Leaving Certificate, with minimum grades 2 Higher Level H5 and 4 Ordinary or Higher Level O6/H7, including Irish and English.
- The minimum requirements for MH001 and MH002 are 3 Higher Level H5, and 3 Ordinary Level O6 or Higher Level H7. The minimum subject requirements are H4 Irish (H3 minimum required for MH002), O4/H7 English and O4/H7 Maths.
- 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.
- Foundation level Irish is not accepted for matriculation. Points are not awarded for this subject.
- Leaving Certificate Vocational Programme (LCVP) Link Modules  
**Points are awarded as follows:**
  - > Distinction 66
  - > Merit 46
  - > Pass 28
- NUI Exemption: If you have or are seeking an exemption from minimum entry requirements such as Irish (ROI applicants only) or a third language you must ensure this is an official NUI Exemption. Contact the NUI ([www.nui.ie](http://www.nui.ie)) for details.
- 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.mu.ie/level8](http://www.mu.ie/level8)



# MAYNOOTH UNIVERSITY RECEIVES ITS HIGHEST-EVER NUMBER OF CAO APPLICATIONS

**FIGURES RELEASED AFTER THE CAO CHANGE OF MIND OPTION CLOSED ON JULY 1ST 2022 SHOWED THAT MAYNOOTH UNIVERSITY RECEIVED ITS HIGHEST-EVER NUMBER OF APPLICATIONS FOR ADMISSION IN SEPTEMBER 2022. OVER 18,300 APPLICANTS APPLIED TO THE UNIVERSITY - AN INCREASE OF 8% ON 2021 FIGURES.**

The record number was in line with a general upward trend of applications to the University over recent years. First preference applications across all degree courses increased by 8% over July 2021 figures, demonstrating the ongoing popularity of Maynooth University for undergraduate studies.

First preference applications grew substantially in Arts (by 14%), making it the most applied to degree across all of the CAO's courses for the last number of years. This reflects the popularity of Maynooth's flexible curriculum in which students can choose to progressively specialise while pursuing a broad range of studies. Increases were also in evidence across Science (26%), Business (26%), Science education (22%), Media Studies (13%), and Computer Science (11%) illustrating that students are increasingly recognising Maynooth as a preferred option across a diverse range of subjects.

Commenting on the figures, Prof Eeva Leinonen, President of Maynooth University, said: "These impressive CAO application figures are evidence of Maynooth University's reputation for excellence and wide appeal among students. We enable students to guide their own educational experiences, while ensuring that they are equipped with the critical skills and ability to adapt to today's rapidly changing employment demands and societal needs. This combination of flexibility underpinned by a comprehensive academic experience ensures we continue to be a university of choice.

"We look forward to welcoming new students for the academic year 2022-2023 into our collegial and distinctive teaching and learning environment. In choosing Maynooth University, they are becoming a part of our diverse campus community, within which they can develop a rich social and cultural life."



## FÁILTE AN UACHTARÁIN PRESIDENT'S WELCOME



*Tá an-áthas orm mar Uachtarán Ollscoil Mhá Nuad go bhfuil sé ar intinn agat staidéar a dhéanamh linn.*

*Cuireann Ollscoil Mhá Nuad oideachas den scoth ar fáil i réimse mór ábhar agus, rud atá níos tábhachtaí, déanaimid cúram den mhúinteoireacht agus díot féin mar mhac léinn aonair. Tá an mhúinteoireacht agus an taighde ar chomhthábhacht, dar linn agus sin é an fáth go mbeidh an deis agat foghlaim ó thaighdeoirí agus ó scoláirí a bhfuil cáil dhomhanda orthu. Tá siad tiomanta don mhúinteoireacht agus do mhic léinn.*

*Is deis ar leith é oideachas ollscoile chun dul i mbun foghlama, an smaointeoireacht a bheachtú, scileanna a shealbhú agus tú féin a fhorbairt mar dhuine. Is san ollscoil a gheofar an t-eolas agus na scileanna do phoist ar leith, agus bonn chun do ghairm féin agus an cineál saoil atá uait a thógáil air.*

*Is é ár mian go mbainfidh tú an méid tairbhe is féidir as do chuid oideachais ollscoile. Teastaíonn uainn go ngnóthóidh tú céim leis an eolas agus leis na scileanna is déanaí i do rogha ábha(i)r. Tá sé den tábhacht, áfach, go bhforbróidh tú na scileanna intleachtúla chun ceisteanna casta a anailísú, cinntí maithe a dhéanamh, do chuid tuairimí a chur i láthair go soiléir agus obair éifeachtach a dhéanamh le daoine eile. Bíonn an t-eolas ag athrú i gcónaí, ach mairfidh na scileanna seo go deireadh do shaoil.*

*Is é ár mian go mbeidh an deis agat d'ábhair suime agus do chumais a mhéadú agus mar sin, cuirimid an deis ar fail duit staidéar a dhéanamh ar roinnt modúl nach mbaineann le do chroí-ábhair, staidéar a dhéanamh thar lear, nó taithí phraiticiúil oibre a fháil.*

*I ndeireadh na dála, tá sé rithabhachtach go bhfoghlaimíodh tú i suíomh spreagúil ollscoile, in atmaisféar cairdiúil croíúil, áit ar féidir leat cairdeas a dhéanamh agus bheith ar do shuaimhneas.*

*Cuirfidh an t-oideachas a bhfaighidh tú i Má Nuad ar do chumas saineolas a chur ar do rogha ábhar agus do chuid scileanna, gastacht intleachta agus aigne leathan a fhorbairt, chomh maith leis an gcumas obair éifeachtach a dhéanamh le daoine eile, rud a rachaidh chun do leasa sna tréimhsí eile den saol pearsanta agus oibre atá romhat.*

*Tá athbheithníú déanta againn ar ár gcuraclam fochéime le blianta beaga anuas, rud a chiallaíonn go bhfuil tuilleadh solúbthachta ar fáil d'iontrálaithe 2023 chun a gcéim féin a shaincheapadh. Is iad na hábhair chéanna agus an sártheagasc céanna a bheidh i gceist, ach leis an struchtúr athcheartaithe beidh roghanna níos solúbtha agat faoin méid de gach ábhar is mian leat a roghnú, cúrsaí roghnacha le cois d'ábhair roghnaithe, agus modúil bhreise is féidir a dhéanamh sa chéad bhliain chun do chuid scileanna smaointeoireachta agus oibre acadúla a fhorbairt.*

*Leis an struchtúr solúbtha seo beidh roghanna níos leithne agat, mar aon le deiseanna breise chun do chuid foghlama a chur in oiriúint do riachtanais agus d'ábhair spéise do shaoil féin.*

*Tá súil againn go roghnóidh tú teacht anseo i 2023 le leas a bhaint as an sár-oideachas a chuirimid ar fáil, agus as na deiseanna spreagúla a ghabhann leis an gcuraclam uathúil seo againne.*

**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 teaching, and 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 thinking, to acquire 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 setting, with a warm friendly atmosphere, where you can make new friends and feel at home.

A Maynooth education 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 2023 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 more opportunities to match your learning with your needs and interests.

We hope you will join us in 2023 because of the outstanding education we offer, and the exciting opportunities offered by our unique curriculum.

**Professor Eeva Leinonen**  
President, Maynooth University

An tOllamh Eeva Leinonen  
Uachtarán, Ollscoil Mhá Nuad



# MAYNOOTH UNIVERSITY SOME STATS

**4,500+**  
CAO FIRST PREFERENCE  
APPLICATIONS IN 2022

MAYNOOTH UNIVERSITY IS RECOGNISED AS ONE OF THE LEADING NEW UNIVERSITIES IN THE WORLD, RANKED #1 IN IRELAND IN THE LATEST TIMES HIGHER EDUCATION - THE - 'YOUNG UNIVERSITIES' LIST. THIS SUCCESS FOLLOWS ON FROM MAYNOOTH'S EXTREMELY STRONG PERFORMANCES IN OTHER THE RANKINGS, INCLUDING BEING NAMED AMONG THE TOP 600 UNIVERSITIES IN THE WORLD, AND BEING RECOGNISED AS ONE OF THE TOP UNIVERSITIES FOR INTERNATIONAL CONNECTIONS AND OUTLOOK.

**91%**  
OF MAYNOOTH GRADUATES ARE  
IN EMPLOYMENT OR IN FURTHER  
STUDIES/TRAINING

From computer programmers to teachers, scientists to journalists, graduates from Maynooth University pursue a wide variety of careers.

2021 Graduate Outcomes Survey.

**CAO MOST POPULAR  
1<sup>ST</sup> CHOICE COURSE**

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

## CAMPUS ATMOSPHERE

Maynooth University is a place of lively contrasts – a modern institution, dynamic, rapidly-growing, research-led and engaged – yet grounded in historic academic strengths and scholarly traditions.

**STUDENT ENROLMENT HAS SOARED FROM  
4,000 IN 1997 TO MORE THAN  
15,000 STUDENTS TODAY.**

**12,650**  
UNDERGRADUATE STUDENTS

**2,500**  
POSTGRADUATE STUDENTS

**20%**  
OF ALL STUDENTS HAVE  
INTERNATIONAL CITIZENSHIP

## GLOBALY CONNECTED UNIVERSITY

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

With over a third of academic staff coming from abroad and many of our own academics and graduates working internationally, we have built up a wealth of global connections.

## DIVERSITY

- > 17% of new entrants to our undergraduate degrees are students with a disability
  - > 6% of new entrants are mature students
  - > 11% of students are from a disadvantaged background
- (these profiles can intersect)

## UNIQUE FLEXIBLE CURRICULUM

Our uniquely flexible curriculum, introduced in September 2016, offers students many opportunities to personalise their degree programme throughout their time with us.

Living in a rapidly changing era, 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 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](http://www.maynoothuniversity.ie/maynootheducation)

## FIRST YEAR CRITICAL SKILLS COURSES

### SECOND YEAR FOR SCIENCE STUDENTS

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 courses are available in second year for science students in a select number of degrees.



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

### SAMPLE CRITICAL SKILLS MODULES

- > Globalization, Integrating Worlds
- > Universal Critical Skills (multiple classes)
- > Creative Thinking
- > Digital Critical Skills
- > Social Analysis of Everyday Life
- > Critical Skills for Social Science

For more details log on to [www.maynoothuniversity.ie/critical-skills](http://www.maynoothuniversity.ie/critical-skills) or [www.criticalskills.ie](http://www.criticalskills.ie)

## 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 the 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

SUBJECT 1: 30 CREDITS

SUBJECT 2: 30 CREDITS

#### 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 prospectus 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 to take an Elective.

[www.maynoothuniversity.ie/programme-advisory-office](http://www.maynoothuniversity.ie/programme-advisory-office)

## SECOND YEAR ELECTIVES

Elective streams allow you to make more of your university education, and to take better advantage of the world-class lecturers and interesting subject material that Maynooth has to offer. They may help to broaden your perspective, allow you to interact with students from other disciplines, or help you develop transferable skills for the future in a way that complements your main disciplinary studies.

An elective stream amounts to one-sixth of the total course work for the year. Registration for electives is subject to enrolment limitations, and also must be compatible with the timetabling and other requirements of your main subjects. Some combinations of electives and subjects are excluded.

### SAMPLE ELECTIVES

- > Accounting in Society
- > Beginning Chinese/German
- > Continuing Chinese/French/German/Nua-Ghaeilge/Spanish
- > Creative Technologies and Digital Prototyping
- > Design Innovation
- > Engaging with Civil Society
- > Film and Screen Studies
- > Global Environmental Change
- > Good and Evil
- > Great Books
- > Influential Ideas in Economics
- > Introduction to Logic and Philosophy in The Digital Age
- > Irish Cultural Heritage
- > Perspectives of Poverty and Development
- > Science Communication
- > Service Innovation
- > Skills for Success

See the degree pages of this prospectus 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, where students learn by doing and reflecting on this experience. These include opportunities in undergraduate research, work and professional development, student leadership, study abroad and community engagement, empowering Maynooth students to develop their skills and competencies for work, life and citizenship.

For more details log on to [www.maynoothuniversity.ie/experiential-learning](http://www.maynoothuniversity.ie/experiential-learning)



# ONLINE LEARNING IN MAYNOOTH UNIVERSITY

Our Virtual Learning Environment provides a range of tools and resources that are used to support online learning, teaching and assessment. This includes quizzes, communication and collaboration tools, assessment and feedback tools, and the dissemination of resources such as course files, videos, and links to external resources.

- > We provide a wide range of supports and resources to help you with learning online.
- > We use an online platform that has been invaluable as a digital hub for groupwork, collaboration and classes and we use plagiarism detection software for promoting academic integrity.
- > We use apps to create interactive polls as well as various technologies to create interactive videos and tutorials and to produce short screencasts, lectures, and videos.
- > Staff create podcasts using video editing software and our ePortfolio allows students to record and showcase their learning.

Learning via technology can help students develop the digital literacies necessary for their future careers. Technology can enable new opportunities for groupwork and collaborative learning and can generate new opportunities for conducting assessment and providing feedback, for example audio and video feedback. If utilised well, technology can improve access and support more inclusive participation for all of our students.

In this new learning environment, we find that promoting student engagement and online participation is essential. Our staff are rising to this challenge by using technology to build interactivity into live lectures, by providing a range of media types and activities, by encouraging collaboration and peer learning, and by leveraging technology to provide timely and effective feedback. Dialogue and collaboration with students have been key to our approach. In partnership with the Maynooth Students' Union, our Enhancing Digital Teaching and Learning (EDTL) team have developed a range of supports and resources to assist students with remote and blended learning, and to help them to develop their digital graduate attributes.

[www.mu.ie/edtl](http://www.mu.ie/edtl)



# MU FUTURE READY

MU Future Ready is a HEA funded initiative, established to empower Maynooth University students to enhance their skills and competencies for work, life and engaged citizenship. It presents an enhanced portfolio of curricular and co-curricular experiences that promote the personal and professional development of Maynooth University students. These include:

## CRITICAL SKILLS

A subject dedicated to helping students succeed academically and build transferable skills.

## PROJECT LIVE

This initiative provides our students with the opportunity to integrate theory and practice and have a real-world work experience in the classroom, as they engage in high impact experiential learning experiences with our industry, community, voluntary and public sector stakeholders.

## RESEARCH LIVE

This Programme provides students with opportunities to undertake engaged research in collaboration with community and industry stakeholders, increasing their understanding of key issues affecting society and offering them the potential to transform the knowledge gained into practical actions for innovation and social change.

## ALUMNI MENTORING

This programme enables students from underrepresented backgrounds to access a professional network and supports them to become more aware of their career interests and opportunities. It also includes an optional work-shadowing opportunity.

## MICRO INTERNSHIPS

This initiative presents a range of short, flexible work experience opportunities, available to Maynooth University students to complement their academic learning and enable them to get an insight into the world of work, whilst they develop a repertoire of professional skills.

## CAREERS AND EMPLOYABILITY PORTAL

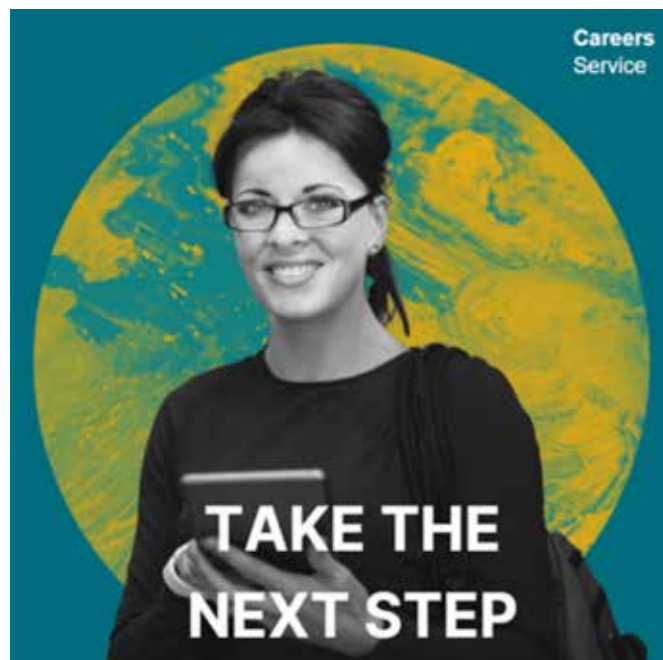
MU Future Connect is Maynooth University's online careers and employability portal enabling students to access relevant advice, programmes, events, work-related opportunities and insights, in addition to valuable resources such as CV review and interview simulation tools. Students using the Careers Service can ask questions, book appointments with Careers Advisors and see Graduate jobs using Careers Connect.



Enhancing Digital Teaching and Learning (EDTL) is a cross-institutional project bringing together all seven of Ireland's universities. By promoting best practice in the use of digital technologies for learning, the project aims to enhance the digital attributes and educational experiences of Irish University Students, and a range of staff- and student-facing activities have been initiated at Maynooth in respect of this aim. The student voice is central to the initiative, with our Maynooth EDTL Student Interns working in collaboration with the Maynooth Students' Union to ensure that the project is informed by our students' needs and perspectives. You can access some of the supports and resources developed by the team to assist students with remote and blended learning, and to help them to develop their digital graduate attributes, including online resources, live events and targeted Instagram campaigns.

Visit [www.mu.ie/edtl](http://www.mu.ie/edtl)

# A MESSAGE FROM THE CAREERS SERVICE: IT'S NEVER TOO EARLY!



The Careers Service at Maynooth University provides careers education, information, advice and guidance to students from first year onwards. We encourage students to get to know us in first year - we can help with discussions around subject choice and potential career implications, as well as gathering information on how to be prepared to take the next step in your career journey.

It might seem early in your university journey to think about this but the more information you have the easier it is to make decisions later on. You don't need to know what you'd like to do or even where to start. We're here to help you take your next step even if that is the very first step in your journey.



Natasha Marron, Careers Adviser

- > If you don't know what you'd like to do after your course, we'll help you gather information and start exploring options
- > You might like to take some careers interest tests or find out about alternative routes into particular careers
- > You might like to find out about how to get some useful experience to help identify careers of interest to you.
- > Each year hundreds of employers contact the Careers Service seeking to advertise their graduate roles to our students. Many large organisations recruit hundreds of students into their graduate jobs (often called graduate programmes) and this recruitment process happens during final year – some as early as October - so the earlier you start building your employability awareness the better.
- > Through Careers Connect (our Careers & Employability portal) students can ask questions of our careers advisers, book career guidance appointments, view jobs posted by graduate employers, see upcoming events and access resources to help with generating career ideas, finding careers information, planning your next step, building your CV, applying for jobs and/or postgraduate study and more.

#### Find out more about the Careers Service

Website: [www.maynoothuniversity.ie/careers](http://www.maynoothuniversity.ie/careers)

Instagram: @maynoothuni\_careers\_service

# MAYNOOTH UNIVERSITY PLACEMENT PROGRAMME

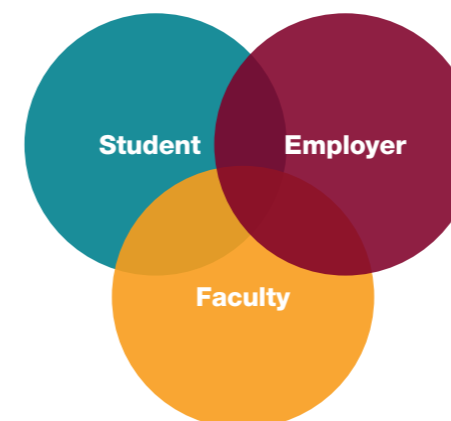
#### BENEFITS OF PLACEMENT

- > Gain knowledge and practical skills
- > Get a taste of the industry
- > Meet influential people
- > Put classroom theory into practice
- > Option to work abroad
- > EU Erasmus+ Traineeship mobility grant
- > Enhance your employability
- > Potential to secure graduate job

The **Placement Office** at Maynooth University facilitates and manages the **Placement Programme** (the placement of students in the workplace to gain work experience as an accredited requirement of their degree). Throughout the placement period, students gain skills that connect with their course content and enhance their graduate employability.

This is a work-based module that is available within a range of degrees. Each degree listed in this prospectus will state whether it offers the placement option or not at the top of each course description page.

The Placement Programme is a three-way partnership between faculty, employer and student with the end goal being a meaningful and rewarding experience for the student. The work placement varies in duration, (3, 6, 9, or 12 months), depending on the degree, and is subject to change depending on availability.



On the **Placement Programme** the student will have access to a series of workshops, employer presentations, 1-1 support, events, placement and internship fairs, before starting their placement role.

#### STUDENT QUOTES - EACH PLACEMENT EXPERIENCE IS DIFFERENT FOR EVERY STUDENT

"I definitely thought that placement was very beneficial, meeting new people and networking with them, linking with them on LinkedIn. Working in HR I got to meet a lot of recruiters and recruitment agencies."

**BBS Business & Management student**

"I was hoping to build a network during my placement, to interact with my own peers, but also people of different levels in the firm, I am very happy to say that I was able to grow my network, I've met people from associate level right up to partner level."

**BBS Business & Accounting student**

"I was a little bit nervous because the placement was going to be virtual (due to Covid-19) but things like social nights were organized to help people settle in. I did have a very supportive team, we had a buddy and a manager to each person. So I think that helped because it just felt like you weren't on your own".

**BBS Business & Accounting student**

"Having the opportunity to work with people at the top of their fields was truly an amazing experience and one that I will cherish for many years to come. The contacts and relationships that I have built up during my placement has given me the confidence to move on and achieve my full potential."

**BSc Pharmaceutical and Biomedical Chemistry student**

"I really enjoyed my time on placement. Working in industry is completely different to college/University and it allows you to get a really good sense of whether working in the pharma industry is right for you."

**BSc Pharmaceutical and Biomedical Chemistry student**

"The placement helped me to be a better coder and a better problem solver, made me learn more about scrum and sprints. It also helped me realise how important all the modules I have learned so far in college that can be applied in real world applications. I acquired both soft skills and technical skills on my placement."

**BSc Computer Science Software Engineering student**

#### Social Media

Instagram: @MaynoothUni\_Placements

LinkedIn: @Maynooth University-Placement Office

**MU Placement Office** [www.maynoothuniversity.ie/placement-office](http://www.maynoothuniversity.ie/placement-office)



# OUR ALUMNI OVER 95,000 ACROSS THE GLOBE

## SOME OF THE COMPANIES HIRING OUR GRADUATES

AMAZON / APPLE / AVIVA IRELAND / BANK OF AMERICA / FACEBOOK / GOOGLE / IBM / INTEL / INTERCOM / IRISH DISTILLERS / KERRY GROUP / KPMG / LINKEDIN / MÉDECINS SANS FRONTIÈRES / MICROSOFT / PADDY POWER / PFIZER / PWC / TIKTOK



Thomas Dalton

### Thomas Dalton, Graduate Bachelor of Science BSc Maynooth University

#### Head of M&A, Design, PM Recruiting at Stripe

Thomas Dalton is a Talent Acquisition Leader with over a decade of experience leading high-performing recruiting organizations through global, competitive, and fast-paced environments. Awarded Irish Echo's top 40 under 40 emerging Irish Americans in the US, Thomas is certified in HR Analytics from Cornell University and has served on the Forbes HR Executive Council and Industry Board Council for Maynooth University School of Business. He has a demonstrated track record of designing and implementing successful recruiting strategies for Fortune 500 companies.

After graduating from Maynooth in 2008 with a degree in Computer Science and Finance, Thomas, like many, jumped around a bit between jobs in Ireland: a year at Microsoft, three years managing the Red Cow Moran Hotel, a year working events at Punchestown Racecourse. Then, it was off to new shores, where he found his niche.

Thomas landed a position recruiting for tech roles at Robert Half in Philadelphia.

"I fell into recruiting really by accident," he said. "Having had a portion of my degree focused on Computer Science gave me a competitive edge. I was able to understand requirements quickly and form strong bonds with clients and candidates. The work was very challenging at first but got easier over time."

Three years later he was off to another recruitment position at Amazon Web Services in Seattle. And in July 2020, Dalton was named to the Forbes Human Resources Council, an invitation-only community for senior-level human resource leaders across all industries. He worked for TikTok as Head of Recruitment North America and now works for Stripe.

# UNIVERSITY OF SANCTUARY

Maynooth University has been officially designated as a University of Sanctuary in recognition of its initiatives to promote a culture of welcome for refugees, asylum seekers and other migrants into the community.

Sanctuary universities have a demonstrated commitment to welcoming asylum seekers and refugees onto their campus through initiatives including bursary and scholarship schemes and adopting strategies to integrate them into their community.

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

Further information on MU University of Sanctuary and our Sanctuary scholarships can be found here: [www.maynoothuniversity.ie/edi/excellence-exile/university-of-sanctuary](http://www.maynoothuniversity.ie/edi/excellence-exile/university-of-sanctuary)

## OPENING THE GATES TO HIGHER EDUCATION

Maynooth University has been ranked as Ireland's leading university for reducing inequalities in the Times Higher Education (THE) Global Impact rankings. Arlene Harris spoke to the first Black Irish winners of the Irish Times Student Debate competition about race, class and culture at third level.

The days when only the sons of the privileged few went to university are well behind us. But while participation in higher education has widened across socio-economic groups, the challenge of student access and inclusion remains for many groups.

For that reason, Maynooth University was delighted with its ranking in the top 5% of universities globally for reducing inequalities, as measured through its policies, the quality of its research on social inequalities, and its commitment to recruiting students and staff from under-represented groups.

Yet, diversity and inclusion manifest in different ways, as two Maynooth University Law students explain. Rí (Glory) Anumudu and Chikemka Abuchi-Ogbonda celebrated their achievement in winning the Irish Times Debate for third-level students in Ireland.

Their success marked a very personal achievement for both students. Rí explains that they were thrilled to win the Irish Times Debate 2021 as it was testament to their debating skills, but she was also delighted for other reasons.

"Being the first black Irish winners is a real honour as it feels great to be able to represent our communities," she says.

"So, to be able to bring the trophy back to Maynooth after 44 years was just amazing."

Debating partner, Chikemka Abuchi-Ogbonda, who is currently on Erasmus in Canada, says the debating world needs to become more diverse.

"I think it is under threat a little because it is very class-orientated and isn't accessible to people who aren't from a certain background," she says.

"I have been doing it for a long time and really enjoy it, and although we are a small society in Maynooth, we still managed to win and that was just unbelievable for us. We worked very hard and felt such great pride when we accomplished it."

"Fitting in and getting to know people at university can be hard, and although I am naturally quite shy, debating is a great way of putting yourself out there and meeting others – so when I started in Maynooth, I sat myself down and told myself that I needed to do this in order to meet people, so that is what I did," says Chikemka.

"I would encourage others to do something similar, find a society that interests you and put your name down – it's a great way of making friends, fitting in and being included in what is going on around you."

We worked really hard to achieve what we did as it is not easy for people of colour to be debaters, because it's harder for us to get into it – it's actually more of a class issue than a race issue as a lot of black people fall into a lower socio-economic bracket, and most people who do well on the debating circuit will have gone to private school and have been coached since they were young – so they have an insane advantage."



New T.S.I. Building



# WIDENING PARTICIPATION AT MAYNOOTH

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



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 [www.maynoothuniversity.ie/access-office](http://www.maynoothuniversity.ie/access-office)

ask on webchat

## TACKLING EDUCATIONAL DISADVANTAGE

School leavers from long-term socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland can apply through the CAO to the Higher Education Access Route (HEAR), which offers places on reduced points at Maynooth University. HEAR entrants receive extra college support through MAP (the Maynooth University Access Programme) that is personal, academic and financial in nature and designed to promote confidence and independence, as well as opening up employment prospects. HEAR supports include the Launchpad orientation programme, dedicated MAP Advisors/Student Advisors, financial supports and technological supports. For more information on the Higher Education Access Route, see page 206 and visit

[www.maynoothuniversity.ie/hear](http://www.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 10% 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 MAP Advisors/Student Advisors. For more information on the mature entry route, see page 208 and contact the Mature Student Office at [www.maynoothuniversity.ie/mature](http://www.maynoothuniversity.ie/mature).

## STUDENTS WITH DISABILITIES

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. Students with disabilities comprise over 8% of the student body at Maynooth, which is one of the highest participation rates in the country. 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, work placement supports and technological supports. Students can apply for disability support 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.

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, see page 206 and visit [www.maynoothuniversity.ie/dare](http://www.maynoothuniversity.ie/dare). A Maynooth University student with a disability can apply for disability support at any time regardless of their entry route, but early registration is strongly recommended. Visit the Disability Office website for information on the documentation required, the consultants/specialists that can verify a disability and the age limits on reports.

[www.maynoothuniversity.ie/disability](http://www.maynoothuniversity.ie/disability).







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 INCLUDE:

- > Academic Advisory Office
- > Academic Writing Centre
- > An Droichead - Ionad Tacaíochta na Gaeilge/Irish Language Support Centre
- > Careers Service
- > Computer Science Support Centre
- > IT Support
- > Laptop Loans
- > LIST (Library Information Skills Tutorials)
- > Mathematics Support Centre (MSC)
- > Placement Office
- > Programme Advisory Office

#### PERSONAL AND WELL-BEING SUPPORTS INCLUDE:

- > Chaplaincy Service
- > Crèche Service
- > Counselling Service
- > Health Centre
- > Speak Out
- > Student Budgeting Advice Service
- > Student Health Centre
- > Student Help Desk
- > Student Support Officer
- > Student Budgeting Advice Service
- > Student Help Desk

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





# AN GHAELIGE SAN OLLSCOIL

## IRISH IN THE UNIVERSITY



### TÁ POBAL BRÍOMHAR GAEILGE ANSEO IN OLLSCOIL MHÁ NUAD.

Cuirimid ócáidí ar siúl ar an gcampas go rialta do chainteoirí Gaeilge agus do dhaoine a bhfuil spéis acu sa teanga. Bíonn an-tóir ag mic léinn agus ag baill foirne ar ár ranganna Gaeilge. Tá Cuallacht Cholmcille, Cumann Gaelach na hOllscoile, ar cheann de na cumainn is mó agus is rathúla ar an gcampas.

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

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. Cuallacht Cholmcille, the University's Irish language society, is one of the largest and most successful societies on campus.

#### OIFIG NA GAEILGE ✉ [oifig.nagaeilge@mu.ie](mailto:oifig.nagaeilge@mu.ie)

Tacaíonn Oifig na Gaeilge le húsáid na Gaeilge i measc na foirne agus na mac léinn. Má tá spéis agat sa Ghaeilge, bí linn agus tapaigh na deiseanna atá ar fáil anseo! Lean Oifig na Gaeilge ar na meáin shóisialta le teacht ar an nuacht agus ar na hócáidí is déanaí:

🐦 @OnaGaeilgeMU

📷 @OnaGaeilgeMU

#### OIFIGEACH NA GAEILGE AONTAS NA MAC LÉINN (AML)

Cuireann Oifigeach Gaeilge AML an Ghaeilge chun cinn i measc mhic léinn na hOllscoile [gaeilge@msu.ie](mailto:gaeilge@msu.ie)

#### AN CUMANN GAELACH

Spreagann Cuallacht Cholmcille úsáid na Gaeilge ar an gcampas trí imeachtaí agus trí fheachtais éagsúla. Lean an Chuallacht ar na meáin shóisialta:

📺 @CuallachtMaNuad

📘 @Cuallacht

👤 Cuallachtnag

#### SEOMRA NA GAEILGE, FOIRGNEAMH NA nEALAÍÓN

Spás sóisialta do chainteoirí Gaeilge.

#### SCÉIM CHÓNAITHE

Cuirtear seomraí in árasáin ar an gcampas thuaidh ar fáil do mhic léinn a bhfuil spéis acu an Ghaeilge a úsáid agus a chur chun cinn ar an gcampas. Le haghaidh tuilleadh eolais, déan teagmháil le [oifig.nagaeilge@mu.ie](mailto:oifig.nagaeilge@mu.ie)

#### RANGANNA GAEILGE (ILASP)

Cuirtear ranganna Gaeilge, ag leibhéal éagsúla, ar fáil do mhic léinn (mic léinn idirnáisiúnta san áireamh). Bíonn an deis ag rannpháirtithe scrúdú Gaeilge TEG (Teastas Eorpach na Gaeilge) a dhéanamh agus cáilíocht phroifisiúnta a fháil, rud a chuireann le deiseanna fostaíochta san earnáil phoiblí, in earnáil an oideachais agus eile. Tuilleadh eolais ó [teanga@mu.ie](mailto:teanga@mu.ie)

#### COISTE NA GAEILGE

Oibríonn an coiste ar mhaithe le cur chun cinn na Gaeilge in obair laethúil na hOllscoile.

[coistenagaeilge@mu.ie](mailto:coistenagaeilge@mu.ie)

#### IRISH LANGUAGE OFFICE ✉ [oifig.nagaeilge@mu.ie](mailto: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

#### SU IRISH LANGUAGE OFFICER

The Students' Union Irish Language Officer promotes Irish among the student body [gaeilge@msu.ie](mailto:gaeilge@msu.ie)

#### IRISH LANGUAGE SOCIETY

Cuallacht Cholmcille promotes the use of Irish through various events and campaigns.

Follow them on social media:

📺 @CuallachtMaNuad

📘 @Cuallacht

👤 Cuallachtnag

#### 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](mailto: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](mailto: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](mailto:coistenagaeilge@mu.ie)



# RESEARCH AT MAYNOOTH UNIVERSITY

DISCOVERY  
KNOWS NO  
BOUNDS



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.

### 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.

### CENTRE FOR PUBLIC EDUCATION AND PEDAGOGY

Established in 2018 with the ambition to conduct and co-ordinate research on the past, present and future of public education.

### EDWARD M KENNEDY INSTITUTE FOR CONFLICT INTERVENTION

The overall aim of the Institute, through teaching theory and practice, research and community engagement, is to improve society's capacity to deal constructively with conflict.

### 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.

### INNOVATION VALUE INSTITUTE

The Innovation Value Institute is an open innovation consortium of over thirty international organisations focused on digital transformation.

### 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.

### MAYNOOTH UNIVERSITY HAMILTON INSTITUTE

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

### KATHLEEN LONSDALE INSTITUTE FOR HUMAN HEALTH RESEARCH

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.

### 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

NIRSA 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.



Prof Peter Thorne Centre Director - ICARUS  
Professor of Physical Geography (Climate Science)

For more details visit: [www.maynoothuniversity.ie/research](http://www.maynoothuniversity.ie/research)



# IRELAND'S OLDEST UNIVERSITY TOWN

Located in the heart of Ireland's oldest 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.





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 oldest university town, we are just 25 kilometres from the city 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 50% of all campus accommodation is reserved for new first year students. The average annual cost of living in Student Residences on campus runs from between €5000 to €6500 depending on choice of room and facilities.

The online booking system opens for first years, who have a CAO offer for Maynooth University, within a few working days of Round 1 CAO offers – usually in Mid-August (date will be confirmed once we know when CAO offers will be made – check website for details). This is a first come first served process, which allows you to choose the room type you want within the budget you have planned. A booking fee of €500 will be payable online on the booking day to secure the room.

Entrance Scholars (over 575 points) have the option of residing on campus (normal charges apply). See p. 34 for more details.

[www.maynoothuniversity.ie/accommodation](http://www.maynoothuniversity.ie/accommodation)

 on webchat

#### IRISH LANGUAGE ACCOMMODATION / SCÉIM CHÓNAITHE

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

#### HOME FINDER SERVICE

There are many off-campus accommodation options available close to the University, both in Maynooth and surrounding towns. From traditional "digs" accommodation and self-catering in owner-occupied homes to private rented apartments and houses, there is something to suit everyone and every budget.

We offer these off-campus accommodation options, exclusively to registered MU students on the online platform:

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

#### SHORT-STAY OR OCCASIONAL ACCOMMODATION

Maynooth Campus Conference & Accommodation offers short-stay or occasional bookings. A popular option is to fill in a regular or frequent stay form, once the student knows their timetable for the coming semester. This means that the student books their stays for the whole semester e.g. every Tuesday and Wednesday night.

[www.maynoothcampus.com](http://www.maynoothcampus.com)



### SPORTS FACILITIES INCLUDE

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

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

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

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

[www.maynoothuniversity.ie/campus-life/sports](http://www.maynoothuniversity.ie/campus-life/sports)

### CAFÉS AND DINING ON CAMPUS

- > POP – Arts Building
- > Urban Square – Phoenix Building
- > Coco Diablo – John Hume Building
- > Starbucks @ JP's – The Library
- > Students' Union Bar – North Campus
- > Pugin Hall – St. Patrick's House on the South Campus



### LIBRARY

The Library is centrally located at the heart of the campus. Extended in 2013, 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 access to over 850,000 ebooks, 95,000 ejournals, 300 databases and over 460,000 print publications, we can help you to make the most of your time in Maynooth. We also have a range of study areas, laptop lending, lots of PCs for student use and 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 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, social media on our homepage, email or phone.

[www.maynoothuniversity.ie/library](http://www.maynoothuniversity.ie/library)

Find us on Facebook, Twitter and Instagram



### NEW STUDENT CENTRE

The new Student Centre will serve as a home-from-home for students and a focal point for student life. The new building is slated to open in early 2023 and serve as a hub for the Maynooth Students' Union (MSU), clubs, societies, events, and a variety of activities that help to create that special sense of belonging that is so important to the Maynooth student experience.



### TECHNOLOGY, SOCIETY AND INNOVATION (TSI BUILDING)

Our new academic building, which opened in summer 2022, forms part of a wider plan to modernise and expand the Arts and Science buildings on the Maynooth University campus and accommodate the rapidly growing student population at Maynooth University.

The building is designed to deliver core teaching and learning infrastructure to accommodate curricular flexibility and innovation, and to support the research base to face fundamental societal challenges.



# MAYNOOTH STUDENTS' UNION (MSU)

MSU is the home of Representation, Peer Support and Student Life on campus.



## ABOUT MAYNOOTH STUDENTS' UNION (MSU)

MSU is the sole representative body for the students in Maynooth University (MU) and St. Patrick's Pontifical University (SPPU). Every registered student of MU and SPCM automatically becomes a member of MSU. As a member, you can expect a high level of representation and guidance aimed to enhance your student experience. We're here to represent your voice at every level and ultimately make your university experience as engaging and fun as possible.

We care about all aspects of your college experience. We run informative campaigns around education, welfare, and student life issues. Our student leaders also offer a peer support service; if you need free, confidential, and impartial guidance, or you simply just want to ask us a question - we've got it covered. MSU's friendly staff team are also always on hand providing a welcome smile and help to guide you in the right direction.

**MSU is run BY students FOR students.** MSU is a democratic organisation run by the student Executive Officers elected by the student body. Our aim is to represent your interests and to provide you with a fantastic and varied range of events, activities, informative campaigns, and student-run services. MSU prides itself on the role it plays in enhancing student life in Maynooth.

## MSU REPRESENTATION

Your student leaders were elected by students to represent students. Our pioneering student Senate is made up of students from across the institution and includes representation from varied interest groups across campus. We represent your opinions and uphold your rights throughout your time in Maynooth.

Student leaders work with elected student representatives at all levels and a team of dedicated staff, to enrich the Maynooth student experience. There are lots of opportunities for you to get involved throughout your university experience and have your voice heard. Just check out our website or drop into the Info Centre and speak with one of our student leaders.

### REPRESENTATION OPPORTUNITIES INCLUDE:

- > Executive Officer (full-time and part-time roles)
- > Student Senator
- > Student Academic Representative

### STUDENT OPPORTUNITIES:

There are lots of extra-curricular opportunities available to you as a Maynooth student. Volunteering is a great way to meet friends, get involved in the MSU fundraising activities, and make a difference on campus and in the wider community.

### VOLUNTEER OPPORTUNITIES INCLUDE:

- > Student Supporter
- > Community Volunteering

# CLUBS & SOCIETIES



## ABOUT MU CLUBS & SOCIETIES

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

## WE CARE ABOUT YOUR WELFARE

There may be times during your college life that you need some help or support, and MSU will be here for you if you need us. We provide peer-to-peer advice in a confidential and friendly environment. We won't judge you; we are here to help you as much as we can, regardless of your issues.

Our Officers are or have been Maynooth students **just like you**, so can offer an ear on any welfare or education issues you might have. They are here to listen and will point you in the right direction for any further supports you might need.

## THE MSU STUDENT CENTRE

The MSU Student Centre is a whole building on campus dedicated to your student experience. It's a welcoming space and buzzing social hub for our students! We provide a choice of spaces for socials, functions or just grabbing a bite to eat with friends.

The Student Centre is home to our Info Centre, your one-stop-shop for any of the following:

- > Peer Support Information and Help Centre
- > Student Travel/Leap Card
- > Printing, binding, laminating

### MSU also provides you with the following commercial services:

- > Your MSU Club (Bar and Venue), located in the Student Centre, serving food all day and live entertainment each night.
- > Your MSU 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 MSU Student Centre on campus. Any Maynooth student can drop in during business hours with any questions they might have.

You can also arrange to speak with student leaders or staff by appointment. MSU's President, VP Education, VP Welfare & Equality and VP Student Life are all based here. You can also find us online. Visit [www.msu.ie](http://www.msu.ie) or search for [@maynoothsu](https://www.instagram.com/maynoothsu) on your favourite social media channels.

## CURRENT CLUBS & SOCIETIES LISTING

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

\*Listing may change



# 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, via the CAO, who have obtained 575 points or more in the Leaving Certificate (from six subjects in one sitting). For students presenting GCE A Levels the awards are based on achieving points from three/four subjects in GCE A levels.

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

### ENTRANCE SCHOLARSHIP FOR MH103 BACHELOR OF MUSIC

The Entrance Scholarship for MH103 Bachelor of Music is for one entrant to the degree commencing in September 2023. The top scoring applicant, based on the MH103 remote assessment, will be offered the scholarship of €1,000. The successful applicant is informed following registration.

## MUSIC SCHOLARSHIP

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

## SOCIO-ECONOMICALLY DISADVANTAGED STUDENTS AND STUDENTS WITH DISABILITIES

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

[www.maynoothuniversity.ie/access-office](http://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. 36 for more about Sport Scholarships.



For more details [www.maynoothuniversity.ie/scholarships](http://www.maynoothuniversity.ie/scholarships)



# SPORT SCHOLARSHIPS AT MAYNOOTH

GAA, Golf, Rugby,  
Soccer, Snooker



MU Golf Manager Barry Fennelly pictured with the International Team - winners of the Arnold Palmer Cup at Golf Club de Genève. Barry enjoyed the prestigious role of Men's Assistant Coach of the International Team.

## APPLY ONLINE BEFORE APRIL 1ST

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

## BENEFITS OF OUR SPORT SCHOLARSHIP PROGRAMME INCLUDE

- > Concession of up to 60 CAO points if required – scholars must meet minimum entry requirements for their chosen degree. For MH001/ MH002 Education - Froebel Primary Teaching, a limited number of places are available for the 60 points concession. No limit on places applies to other degrees however. See website for details.
- > Access to 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

## REQUIREMENTS FOR SPORT SCHOLARS INCLUDE

- > Maintain academic progress and remain in good standing with the University;
- > Maintain an impressive record of sporting achievement;
- > Take an active role in the University club(s) associated with the scholarship sport;
- > Compete on behalf of Maynooth at inter-varsity competitions;
- > Visit schools or participate in 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 and national league clubs);
- > Access to the highest standard third level soccer competition (CUFL, IUFU and WSCAI).

### Requirements include:

- > 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 currently play for.

### Contact

Barry Prenderville, Soccer Development Officer  
 ☎ + 353 1 708 6054 / ✉ barry.jr.prenderville@mu.ie  
 Find us on Facebook and Twitter

## GAA SCHOLARSHIPS

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

### Categories of sport scholarship within GAA:

- > Men's Gaelic Football (Sigerson & Fresher Division One);
- > Hurling (Fitzgibbon & Fresher Division One);
- > Ladies Football (Division One);
- > Camogie (Division One).

### Requirements include:

- Minimum criteria to apply for MU GAA Scholarship is to represent your county at U17 grade upwards, e.g. U21 & Senior.
- > To be eligible to play under Higher Education rules, please see [www.gaa.ie/highereducation](http://www.gaa.ie/highereducation)

### Contact

GAA Development Officer  
 ☎ + 353 1 708 3321 / ✉ michael.gillick@mu.ie  
 Find us on Facebook and Twitter

## GOLF SCHOLARSHIPS

Barry Fennelly is the Golf Manager and manages the Golf Scholarship programme.

### Categories of golf scholarship

- > Platinum (High Performance Squad);
- > Gold (Scholarship Squad);
- > Silver (Observation Squad).

### Requirements include:

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

### Contact

Barry Fennelly, Golf Manager  
 ☎ + 353 86 167 5056 / ✉ barry.fennelly@mu.ie  
 Find us on Facebook and Twitter

## RUGBY SCHOLARSHIPS

Tom McKeown is the Rugby Development Officer and manages the Rugby Scholarship programme.

### Categories of rugby scholarship:

- > Full entry to Rugby Program to include full supports, bursary and CAO points concession if eligible
- > Full entry to Rugby program to include full supports and CAO points concession if eligible

### Specific requirements for Rugby applicants:

- > Complete on-line application
- > Outstanding achievement and references in school or club rugby
- > Exclusive commitment to the University's Club, MU Barnhall RFC
- > Show well in your club/school performances to visits or provide footage where applicable

### Recent achievements:

- > Full representation in IURFU's Dudley, Kay Bowen and Conroy Cup
- > Players representing Irish Universities (IURU)
- > JP Flanagan Leinster U20 Premier Division 2 League champions x 2, premier 1 qualification
- > All-Ireland League, Division 2A

### Contact

Tom McKeown, Rugby Development Officer  
 ☎ + 353 1 708 6065 / ✉ thomas.mckeown@mu.ie  
 Find us on Facebook and Twitter

## 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 / ✉ paul.davis@mu.ie

For more details [www.maynoothuniversity.ie/sportscholarships](http://www.maynoothuniversity.ie/sportscholarships)



# AN INTERNATIONAL UNIVERSITY

## Erasmus and Study Abroad Opportunities



The view from Museu Nacional d'Art de Catalunya, Barcelona, Spain.

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

"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, MU SCHOOL OF BUSINESS**

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

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

PARTNER	LOCATION	COUNTRY
University of Vienna	Vienna	Austria
Catholic University Louvain	Louvain	Belgium
Ghent University	Ghent	Belgium
Charles University Prague	Prague	Czech Republic
Roskilde University	Roskilde	Denmark
Tallinn University	Tallin	Estonia
University of Helsinki	Helsinki	Finland
University of Tampere	Tampere	Finland
Catholic University of Lyon	Lyon	France
Sorbonne University, Paris IV	Paris	France
University of Rouen	Rouen	France
University of Strasbourg	Strasbourg	France
Bonn University	Bonn	Germany
RWTH Aachen	Aachen	Germany
TU Berlin	Berlin	Germany
University of Hamburg	Hamburg	Germany
University of Modena and Reggio Emilia	Modena	Italy
University of Trento	Trento	Italy
Mykolas Romeris University	Vilnius	Lithuania
University of Amsterdam	Amsterdam	Netherlands
University of Groningen	Groningen	Netherlands
University of Oslo	Oslo	Norway
Jagiellonian University	Krakow	Poland
ISMAT Instituto Superior Manuel Teixeira Gomes	Portimao	Portugal
Babes-Bolyai University in Cluj	Cluj-Napoca	Romania
Comenius University Bratislava	Bratislava	Slovakia
University of Ljubljana	Ljubljana	Slovenia
University of Valencia	Valencia	Spain
Polytechnic University of Madrid	Madrid	Spain
Pompeu Fabra Barcelona	Barcelona	Spain
University of Lund	Lund	Sweden

### STUDY ABROAD PROGRAMME: SOME OF OUR PARTNER UNIVERSITIES

PARTNER	LOCATION	COUNTRY
Australian Catholic University	Sydney	Australia
Bond University	Gold Coast	Australia
Universidade Federal de Minas Gerais	Belo Horizonte	Brazil
Carelon University	Ottawa	Canada
Concordia University	Montreal	Canada
University of Toronto	Toronto	Canada
Beijing Normal University	Beijing	China
Shanghai University	Shanghai	China
Akita University	Akita City	Japan
Nihon University	Tokyo	Japan
Kyung Hee University	Seoul	Korea South
University of Guadalajara	Guadalajara	Mexico
Nanyang Technological University	Singapore	Singapore
Boston College	Boston, Massachusetts	United States
Fordham University	New York, New York	United States
University of Mississippi	Oxford, Mississippi	United States
University of New Mexico	Albuquerque, New Mexico	United States



### Contact us

+ 353 1 708 3868

international.office@mu.ie

www.maynoothuniversity.ie/international

ask on webchat









“I studied Irish and Geography (and also dabbled in Mathematical Studies in 1st year). This degree led me to a great career in tech and I now work for Intercom as a Senior Customer Success Manager.

I don't think it was necessarily what I studied that got me my current role, more so how I studied. I spent a lot of time working with clubs and societies, where I was President of Cuallacht na Gaeilge, and the MU Waterpolo club. From spending time in the Union and on the campus creating events, and working with other students, I was constantly developing communicative, collaborative, and creative skills that stood to me well after my time in University. I even ended up forming a band with a friend I met through Clubs & Socs where we went on to play festivals at home and abroad, and toured the UK this year.

Studying Arts offers a great opportunity to engage in an education that truly interests you, and in my opinion that's when people thrive. My advice is to get involved, and do what you enjoy, it's where you will learn the most.”

**MATT O'BOYLE** BA NUA-GHAELGE AND GEOGRAPHY FORMER MSU  
PRESIDENT (MAYNOOTH STUDENTS' UNION)  
SENIOR CUSTOMER SUCCESS MANAGER IN INTERCOM

## THE MAYNOOTH BACHELOR OF ARTS DEGREE

Section  
**1**

**CAO Code: MH101 Points 2022: 338**

**Subjects available in the BA degree:**

Accounting	48
Anthropology	50
Business (International)	52
Business (Management)	54
Business (Marketing)	56
Chinese Studies	58
Computer Science	60
Criminology	62
Economics	64
English	66
Finance	68
French	70
Gaeilge   Nua-Ghaeilge (Modern Irish)	72
Geography	76
German	78
Greek and Roman Civilization	80
History	82
International Development	84
Law	86
Mathematical Physics	88
Mathematical Studies	90
Mathematics (Pure)	92
Media & Cultural Studies	94
Medieval Celtic Studies	96
Music	98
Music Technology	100
Philosophy	102
Politics	104
Psychological Studies	106
Sociology	108
Spanish	110
Statistics	112



# The Maynooth Bachelor of Arts Degree

CAO Code: **MH101** | CAO Points 2022: **338**

CAO Points 2022: 338

CAO Points Range 2021: 336-625

Places 2022: 1,700

Duration: 3 years (4 if taking Erasmus/Stuay Abroad option)

Erasmus/Stuay Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

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

These BA subjects have extra Leaving Certificate minimum entry requirements:

- > Mathematics (Pure): **H2 Mathematics**
- > Music: **H5 Music**
- > Nua-Ghaeilge: **H4 Irish**

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

- > Accounting, Business (International), Business (Management), Business (Marketing), Economics, Finance: **O4/H7 Mathematics**
- > Computer Science, Mathematical Physics, Mathematical Studies, Music Technology, Statistics: **O3/H7 Mathematics**
- > French, German, Spanish: While there is no minimum entry requirement to study these languages at non-beginner level, we generally recommend **H4 Leaving Certificate level**.

All other BA subjects - no prior knowledge required.

## MH101: THE CAO'S MOST POPULAR FIRST PREFERENCE COURSE

**The Maynooth Bachelor of Arts Degree MH101 has been among the top preference CAO courses for a number of years, receiving most first preference applications.**

By choosing the Maynooth BA degree, a wide variety of interesting subjects is opened up to you. Hundreds of subject combinations are available and you don't have to make any decision on your subject choices until you have sampled as many as you wish over the first four weeks of first year.

- > You will acquire specific subject knowledge and transferable skills, such as social, analytical and management skills.
- > You will have the opportunity to emerge as a well-rounded BA graduate who is career-ready and equipped for employment and further study in Ireland or abroad.

### Overview of MH101 (see page 47 for more detail about the structure of MH101)

1st Year	2nd & Final Year	OR	2nd & Final Year	Postgraduate Study
<b>MH101 Bachelor of Arts Degree</b> <ul style="list-style-type: none"> <li>&gt; 32 subjects in 6 groups</li> <li>&gt; Choose 2, 3 or 4 subjects (no more than 1 per group)</li> <li>&gt; 4 weeks to decide</li> <li>&gt; Critical Skills available with all subject combinations</li> <li>&gt; Possible to make changes in your choices at the start of the second semester</li> </ul>	<b>Continuing in MH101 (depending on your 1st year subject choices and grades)</b> <ul style="list-style-type: none"> <li>&gt; Double Major option: taking two subjects equally</li> <li>&gt; Single Major option: taking just one subject</li> <li>&gt; Major/Minor option: taking more of one subject and less of another</li> </ul>		<b>Transfer Options (depending on your 1st year subject choices and grades)</b> <ul style="list-style-type: none"> <li>&gt; Option to transfer into one of a wide range of specialised degrees in accounting, business, economics, finance, computer science, law</li> <li>&gt; See page 47 for full details</li> </ul>	<b>Popular Options at Maynooth</b> <ul style="list-style-type: none"> <li>&gt; Professional Master of Education - Primary Teaching / Secondary Teaching</li> <li>&gt; Conversion master's courses (where you haven't studied the subject area in your first degree)</li> <li>&gt; Postgraduate options in the discipline studied at undergraduate level</li> </ul>

Details about subjects available and progression options are listed in the MH101 subject pages that follow and on [www.mu.ie/level8](http://www.mu.ie/level8)

# The Maynooth Bachelor of Arts Degree

(continued)

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. H4 Irish to study Modern Irish/Nua-Ghaeilge.

### 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.



"I studied History and English as part of my Arts Degree (MH101). With my degree I am hoping to get into journalism or teaching - this shows the varied occupational choices available.

I will be travelling to Dubai later this year for experience in teaching English and History as the Arts Degree qualifies me to teach abroad without having to do a postgraduate qualification in teaching. I enjoy keeping up to date with current affairs with a particular emphasis on social issues and politics. With regards to teaching, I love sharing what I know and helping people develop their researching skills while also showing them that learning can be fun.

I really enjoyed my time at MU and even though the pandemic limited campus time, the University came up with creative ways to keep us engaged and happy.

**RHYS WARD**  
BA ENGLISH AND HISTORY, 2022 GRADUATE



"When I began my degree, I had a completely different career path in mind. The BA programme afforded me the opportunity to try out new subjects, and to change direction. I have since furthered my education by studying a Master's in Marketing, a Postgraduate Diploma in Global Business and I recently returned to Maynooth to complete a Certificate in Sustainable Business and Responsible Management."

**GRACE O'SHEA**, BA BUSINESS AND FRENCH  
CSR EXECUTIVE OF FUJITSU IRELAND

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

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



# The Maynooth Bachelor of Arts Degree

(continued)

## Course Structure and Subject Groups

### Course Structure

#### 1st year: 60 Credits

- > Choose 2, 3 or 4 subjects - one per group - see table opposite (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. 12 for details.

#### Your options - summary

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

#### 2nd year and Final year: 60 credits per year

- > In most cases students progress with two subjects, choosing between:
  - Double Major (30:30)
  - Major with Minor (40:20)
- > In some cases a Single Major (normally 60 credits) option is possible. See MH101 subject pages for details.
- > After 1st year there may be an option to move into a specialised degree, depending on the subjects you chose in 1st year and your results.

#### These are the possible transfer options having completed the 1st year of the Maynooth BA degree:

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

- > Electives: In 2nd 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 almost 200 partner universities after second 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 32 Bachelor of Arts subjects, see the subject pages that follow. Modules can change.

The Programme Advisory Office is available to you to discuss your options during orientation and throughout your time at the University. See p. 13 for more details.


#### Contact us



Maynooth University Admissions Office, Humanity House, South Campus


+ 353 1 708 3822

admissions@mu.ie

www.mu.ie/level8



 @MaynoothCAO  on webchat  ask a student

# The Maynooth Bachelor of Arts Degree

(continued)

### Bachelor of Arts Subject Groups - 1st Year

32 subjects are organised into 6 timetable groups. The subjects in a group are scheduled at the same time, so you may not choose more than one subject from any group. The following table shows the timetable groups. You can take any combination, as long as there is no timetable clash, and you meet any minimum entry requirements.

#### Note

- Each subject is worth 15 credits. Subjects available as optional 'double subjects' (30 credits) are marked with ⊕. These subjects need extra class times, normally scheduled in Groups 6 or 7.
- Chinese Studies, French, German and Spanish require a 30 credit first year for beginners in the language (marked with ⊙). If you have studied French, German or Spanish before (to Leaving Certificate level H4 standard or better is recommended), you take the 15 credit option. Chinese Studies is only available at beginner level in 1st year.
- 15 credit Critical Skills can be taken in any timetable group.
- The following subjects have minimum entry requirements that you must meet if you wish to take that subject:
  - > Nua-Ghaeilge: **H4**
  - > Music: **H5**
  - > Mathematics (Pure): **H2**

5. For the following subjects we recommend certain minimum Leaving Certificate grades:

- > Accounting, Business (International), Business (Management), Business (Marketing), Economics, Finance: we recommend that students have achieved Leaving Certificate **O4/H7 Mathematics** to study these subjects.
- > Computer Science, Mathematical Physics, Mathematical Studies, Music Technology, Statistics: we recommend that students have achieved Leaving Certificate **O3/H7 Mathematics** to study these subjects.
- > French, German, Spanish: while there is no minimum entry requirement to study these languages at non-beginner level, we generally recommend **H4 Leaving Certificate** level.
- 6. If you are taking Statistics in 1st year you must also take Mathematical Studies or Mathematics (Pure).

### Subject Groups

#### Group 1

- Geography ⊕
- German ⊙
- Law ⊕
- Mathematics (Pure) (Groups 1+3) □
- Philosophy
- Critical Skills

#### Group 2

- Business (International) ⊕
- Business (Management) ⊕
- Business (Marketing) ⊕
- Criminology
- History ⊕
- Music (extra 15)
- Critical Skills

#### Group 3

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

#### Group 4

- Anthropology ⊕
- Economics
- Finance
- Music Technology
- Nua-Ghaeilge
- Critical Skills

#### Group 5

- Computer Science ⊕
- Music ⊕
- Sociology
- Spanish ⊙
- Critical Skills

#### Group 6

- Accounting ⊕
- Chinese Studies ⊙
- French ⊙
- Greek & Roman Civilization
- Mathematical Physics
- Media & Cultural Studies
- Medieval Celtic Studies
- Politics
- Psychological Studies
- Statistics
- Business (extra 15)
- English (extra 15)
- Geography \*
- Critical Skills

#### Group 7 (only relevant if taking a 30 credit option in these subjects)

- Anthropology (extra 15)
- Chinese Studies (extra 15 required)
- Computer Science (extra 15)
- French (extra 15)
- German (extra 15)
- History (extra 15)
- International Development (extra 15)
- Law (extra 15)
- Spanish (extra 15)
- Language and Culture (this subject option is for non-beginner French, German or Spanish students)

#### Key

- ⊕ This subject can be taken as a double (30 credits)
- ⊙ 30 credits required for beginners in this language
- (extra 15) This indicates the timetable group of the extra 15 credits if taking 30 credits of the subject
- \* If choosing the Geography subject in Group 6, the only subject you can choose in Group 1 is Geography (this is due to timetabling of subjects in 2nd year)
- 30 credits must be taken in this subject



# Accounting

 (group 6 subject)

Minimum entry requirements for Accounting in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > You'll study Accounting (the language of finance and business) along with up to three other Arts subjects in first year.
- > The unique flexibility of the MU Arts programme provides you with the option of transferring in to one of our designated accounting programmes at the end of first year.
- > By choosing to study accounting, you are opening up the possibility of becoming a professional accountant which offers a rewarding career with international mobility and high earning potential.
- > You will engage with expert faculty, who foster an engaging, friendly, supportive and dynamic learning environment.
- > Understanding the language of Accounting will be advantageous to you if you work in a business or set up your own business.
- > By choosing to study accounting, you could also pursue a career in teaching.

## Why choose this subject?

- > The extensive range of subjects available in the BA programme allows you to combine the study of accounting with other subjects that suit your interests. No prior knowledge of accounting is required, as we teach it from first principles.
- > Become a highly sought-after graduate possessing the technical accounting and transferable skills required of future business leaders which allows students to pursue rewarding career opportunities.
- > Depending on your 1st year results, you may have the opportunity to move from MH101 into one of our specialised degree programmes in accounting, thereby opening up further study and work experience opportunities. See the Course Structure below.

### Course structure

1st year	2nd year and Final year	Or
<b>Accounting in MH101 Bachelor of Arts degree.</b> <ul style="list-style-type: none"> <li>&gt; Students are introduced to the fundamentals of accounting in year 1.</li> <li>&gt; There is an option to take Accounting as a double subject where students take additional accounting/finance related modules.</li> <li>&gt; Choose up to 3 other subjects (2 if Accounting is taken as a double subject) from the 5 groups available (maximum 1 subject per group).</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Take Accounting and one other subject to degree level (as a Double Major)</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Apply to transfer into one of our specialised degrees in Accounting having achieved 60% or more in 1st year Accounting (MH403/MH407/MH409/MH502 LWA – subject to conditions being met. See Course Finder for details)</li> </ul> <p><b>Erasmus/Study Abroad or Work Placement option after 2nd year</b></p> <p>You will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University's Placement Office will support you in the search for a placement job; however, the process is competitive.</p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Accounting</li> <li>&gt; Financial Accounting</li> <li>&gt; Fundamentals of Finance and Accounting</li> <li>&gt; Professional and Learning Skills</li> <li>&gt; Critical Skills</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Financial Accounting</li> <li>&gt; Management and Cost Accounting</li> <li>&gt; Taxation</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Advanced Management Accounting</li> <li>&gt; Advanced Financial Accounting</li> <li>&gt; Ethics and Corporate Governance</li> <li>&gt; Advanced Financial Reporting</li> <li>&gt; Advanced Finance for Accountants</li> </ul>

# Accounting

 (group 6 subject)

(continued)



## Options after graduation?

- > Our accounting programmes prepare students for a variety of careers in both the private and public sectors, and in many industries.
- > Graduates of specialised degrees MH403, MH407 and MH502 LWA are particularly well placed to pursue a professional accountancy qualification. There are transfer pathways into these degrees after first year - see course structure opposite.
- > 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
- > M.Litt/PhD in Accounting

## Accounting is also available in

**MH403:** BA Accounting and Finance p. 132

**MH407:** BBS/BBA Business and Accounting p. 137

**MH409:** BBA Business and Languages (Accounting Finance with either German or Spanish) p. 138

**MH502 LWA:** BCL Law and Accounting p. 143

A larger number of exemptions from the accountancy bodies are available in the above degrees.

“ I chose accounting as one of my first year subjects and quickly realised it was my favourite subject. After first year, I transferred into one of the designated accounting programmes available in MU, as I intend to embark on a career as a professional accountant. My decision to choose Accounting in first year was the first important step on this journey as it allowed me the freedom to decide, based on experience, that accounting is the career I wish to pursue.”

DAVID, ACCOUNTING THROUGH ARTS STUDENT

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## You might also like

Business subjects p. 52

Economics p. 64

Finance p. 68

Law p. 86



# Anthropology (group 4 subject)

Minimum entry requirements: For full details about entry requirements see p. 44.

- > Anthropology is the comparative study of human society and culture. By closely observing and analysing different ways of life around the world, from tribal villages to Wall Street offices, anthropologists create new knowledge about human nature and what it means to be human today.
- > You will learn how to research cultural practices and social institutions such as: religion and ritual, kinship and family, economy and the market, politics and government, policing and security, language and performance, science and technology, traditional healing and biomedicine, and much more.
- > You can also study forensic anthropology, which applies skeletal analysis and archaeological techniques to solve criminal cases. Forensic anthropology modules can be of particular interest to students studying Criminology, together with Anthropology modules on crime, policing and security.
- > You will engage in practical, experiential learning, including ethnographic fieldwork projects.
- > Anthropology fosters creativity and imagination by helping us to think beyond our own pre-conceived world views. By cultivating better understanding across cultures, anthropologists also confront forms of prejudice, injustice and inequality.

Course structure		or	or
<b>1st year</b> <b>BA Bachelor of Arts – Anthropology – Double Major, Major/Minor or as a Minor</b> > Either 15 or 30 credits of Anthropology (30 credits recommended for Single Major 2nd year pathway) > Up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)	<b>2nd year and Final year</b> > Compulsory anthropology modules > Continue with 1 of your 1st year subjects as part of a Double Major, as a Major/Minor or as a Minor > Optional 10 credit Elective in 2nd year (see p. 13 for details) <b>Erasmus/Study Abroad option after 2nd year</b>	<b>2nd year and Final year</b> <b>Single Major</b> > At least 50 credits Anthropology > Continue with 1 of your 1st year subjects. > Optional 10 credit Elective in 2nd year (see p. 13 for details) <b>Erasmus/Study Abroad option after 2nd year</b>	<b>2nd year and Final year</b> > Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and 30 credits of Business.

For MH101 subject groups table go to p. 47

Possible topics		
<b>1st year</b> > Introducing Anthropology > Understanding Material, Digital and Visual Worlds > Anthropology Matters > Magic, Witchcraft and Ritual	<b>2nd year</b> <b>You will study different aspects of Anthropology such as:</b> > Reading Ethnography > Language, Culture & Mediation > Medical Anthropology > Psychological Anthropology > Ethnographic Research Methods > Changing Legal Landscapes > Material Cultures > Ethnographies of Crime & Policing > Anthropological Encounters with Sustainability > Anti-racism	<b>Final year</b> <b>You will continue to develop your knowledge with options such as:</b> > Shifting Worlds: Theories and Ethnographies of Global Change > Power and Ecology: Environmental Anthropology > Anthropology of Security > Anthropology of Literature > Knowledge, Power, Institutions > Troubling Identities: Race, Gender, & Sexuality > Crime, Death, & Forensic Anthropology > Ethnographic Filmmaking & Photography > User Experience and Service Innovation > Consumption

# Anthropology (group 4 subject)

(continued)

## Why choose this subject?

- > Whatever you are most passionate about – from identity politics, to environmentalism to global business – anthropology can give you the tools to enrich your interests in a deep and sophisticated way. This is because anthropologists study all aspects of human behaviour and society. This also means that anthropology is well-suited to students curious about many inter-connected topics.
- > Maynooth University anthropologists bring the world into the classroom, helping students understand local problems in a global context. We actively engage with many pressing concerns, including aging populations, nationalism, citizenship, racial discrimination, security, surveillance, warfare, international migration, drug use, health problems such as HIV, language policy, consumer culture and environmentalism, as well as rapid technological change.
- > Anthropological sensibilities have become increasingly important in an interconnected transnational economy and global political situation, where understanding cultural difference is necessary to succeed and flourish, or to bring about social change.

## Options after graduation?

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

## Postgraduate study options currently include:

- > MA in Anthropology
- > MA in Anthropology & Development
- > MA in Linguistic Anthropology
- > MA in CREOLE (delivered with EU partner universities)
- > PhD in Anthropology



## Anthropology is also available in

**MH107:** BSocSc in Social Science p. 172

**MH404 BGC/IGC/MGC:** BBS/BBA Business and Global Cultures p. 136

**MH502 LWD:** BCL (Law and Arts) p. 184

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 such as aging, health and illness, drug use, international migration, nationalism and transnationalism, citizenship and globalisation, memory and belonging, culture and language, consumer culture, digitalisation and technological change.

“ 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 and an understanding of human differences in an ever expanding and globalising society. I now work as a Research Analyst for Accenture and my MA degree in Anthropology has provided me with the holistic perspective of understanding and appreciating the importance of qualitative data in a quantitative research environment.”

**KATIE, GRADUATE**

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## You might also like

Business p. 52

History p. 82

Criminology p. 62

Philosophy p. 102

Geography p. 76



## Business (International) (group 2 subject)

Minimum entry requirements for Business (International) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Business (International) Double Major, Major/Minor or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; 15 or 30 credits of Business (International)</li> <li>&gt; Choose up to three other subjects from the five groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; 30 credits of Business (International) and continue with one of your other 1st year subjects as a Double Major, Major/Minor or as a Minor</li> <li>&gt; Alternatively, you can transfer into our specialised BBS International Business degree</li> <li>&gt; To be eligible to do so, you must pass all modules in the 30 credit Business (International) subject. Alternatively you must pass all modules in the 15 credit Business (International) subject and pass Accounting and pass Economics or Finance in 1st year.</li> <li>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of Business (International) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language).</li> <li>&gt; Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and 30 credits of Business.</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Global Business</li> <li>&gt; Marketing</li> <li>&gt; Organisational Behaviour and Management</li> </ul>	<ul style="list-style-type: none"> <li>&gt; International Business</li> <li>&gt; International Management</li> <li>&gt; Introduction to Management Information Systems</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Managing Multinational Corporations</li> <li>&gt; International Corporate Entrepreneurship</li> <li>&gt; Sustainable Business and Responsible Management</li> </ul>

## Business (International) (group 2 subject)

(continued)

### Why choose this subject?

- > Business (International) can be taken with any subject not in Group 2 e.g. a language, Anthropology, Geography amongst others. Languages available include Chinese Studies, French, German, Nua-Ghaeilge and Spanish.
- > 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.

### Options after graduation?

- > Ireland is home to the EMEA (Europe, Middle East and Asia) headquarters of many large multinational corporations, providing excellent employment opportunities for students of International Business. This degree provides an excellent foundation for a wide variety of careers in business, including entering employment in the Irish operation of a major multinational, working with Irish companies that supply to international customers, consulting and helping organisations to internationalise and grow, and managing a diverse workforce.
- > Opportunities are also available at a policy level working for national organisations to promote Ireland as a destination for inward investment and for internationalising Irish business.
- > The degree also provides valuable insights for those wishing to take their natural talents for building or running a business to the next level. With business being ever more global, completing this degree could literally take you anywhere in the world! The School of Business also offers a range of postgraduate programmes for International Business graduates.

### Business (International) is also available in

- MH404 INB:** BBS International Business p. 134
- MH404 BMA:** BBS Business and Management p. 133
- MH404 IGC:** International Business and Global Cultures p. 136

### Some International Business options are also available with

- MH404 MKT:** BBS Marketing p. 135



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### You might also like

Other Business subjects in the BA degree p. 52

Our range of specialised Business degrees - see section 3



## Business (Management) (group 2 subject)

Minimum entry requirements for Business (Management) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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?

- > Our faculty are a blend of international and local industry experts who bring profound insights into the practicality and complexity of Management.
- > 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.
- > 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 shape your degree based on your own strengths and interests.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Business (Management) Double Major, Major/Minor or as a Minor</b></p> <p>&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. 47)</p>	<p>&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 all modules in the 30 credit Business (Management) subject. Alternatively you must pass all modules in the 15 credit Business (Management) subject and pass Accounting and pass Economics or Finance in 1st year.</p> <p>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of Business (Management) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language).</p> <p>&gt; Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and 30 credits of Business.</p> <p>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<p>&gt; Business Models</p> <p>&gt; Marketing</p> <p>&gt; Organisational Behaviour and Management</p> <p>&gt; Accounting</p>	<p>&gt; Human Resource Management</p> <p>&gt; Introduction to Managing Information Systems</p> <p>&gt; Organisational Design and Management</p>	<p>&gt; Strategic Management</p> <p>&gt; Innovation Management</p> <p>&gt; Managing Information Technology for Business</p>

## Business (Management) (group 2 subject)

(continued)



John Hume Lecture Theatre

### 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. 133
  - MH404 INB:** BBS International Business p. 134
  - MH404 BGC:** Business Management and Global Cultures p. 136

### Some Management options are also available with

- MH404 BMA:** BBS/BBA Business and Management p. 133
- MH407:** BBS/BBA Business and Accounting p. 137
- MH502 LWB:** BCL (Law and Business) p. 144

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### You might also like

Other Business subjects in the BA degree p. 52  
 Our range of specialised Business degrees - see section 3



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

Minimum entry requirements for Business (Marketing) in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > '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 University School of Business.
- > Marketing is a wide and varied discipline, connecting a firm to its customers in the marketplace. It is fast-paced and dynamic, interlinking with every other area of business to understand how value is created and captured for the company and its customers.
- > Marketing is critical to the growth of a business – a key challenge from small local businesses to large global corporations. Using both traditional and digital tools, marketers must understand customer needs in order to create innovative products and service to meet those needs.

**Course structure**

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Business (Marketing) Double Major, Major/Minor or as a Minor</b></p> <p>&gt; Either 15 or 30 credits of Business (Marketing). Choose up to three other subjects including Critical Skills from the five groups available (maximum 1 subject per group – see groups table p. 47)</p>	<p>&gt; 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 do so, you must pass all modules in the 30 credit Business (Marketing) subject. Alternatively you must pass all modules in the 15 credit Business (Marketing) subject and pass Accounting and pass Economics or Finance in 1st year.</p> <p>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of Business (Marketing) and passing 30 credits of beginners/15 credits of non-beginner language (in the relevant language).</p> <p>&gt; Transfer option in 2nd year - into the MH404 Business and Global Cultures degree - for students who have completed the first year of the Bachelor of Arts degree (MH101) taking either 15 or 30 credits of Anthropology and 30 credits of Business.</p> <p>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

**Possible topics**

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

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

(continued)

**Why choose this subject?**

Marketing is both profoundly local and global, selling to one individual customer or to a large international market. Our faculty bring a rich and diverse expertise from both local and international markets across a broad range of topic areas, including digital marketing, online retailing, branding, communications and consumer behaviour. Together we offer students deep insights into the practicalities and applications of marketing, from what makes customers tick to how to make the best of market opportunities.

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

**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, customer account management, public relations, sales, and social media marketing.
- > Typically, marketing graduates enter employment in a marketing role in either a private, public or not-for-profit organisation; enter employment in an organisation in a business role; or continue their education with a postgraduate degree.
- > The School of Business also offers a range of postgraduate programmes for Marketing graduates.

**Business (Marketing) is also available in**

**MH404 MKT:** BBS Marketing p. 135

**MH404 MGC:** Marketing and Global Cultures p. 136

**Some Marketing options are also available in**

**MH404 BMA:** BBS Business and Management p. 133



Spring Open Day

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**You might also like**

Other Business subjects in the BA degree p. 52

Our range of specialised Business degrees - see section 3



## Chinese Studies (group 6 subject)

Minimum entry requirements: For full details about entry requirements see p. 44. 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 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. Throughout your year abroad Maynooth University's International Office and Beijing office staff will be there to support you.

### Why choose this subject?

- > Learning Chinese connects you to over 1.3 billion speakers of Mandarin Chinese worldwide.
- > As Ireland rapidly expands its trade in goods and services with China, there is a growing demand for graduates with strong Chinese language skills and an understanding of Chinese society and culture.
- > The introduction of Mandarin Chinese as a curricular subject for the Leaving Certificate examination means that there is an emerging need for teachers of Chinese at post-primary level.
- > At Maynooth University you have the opportunity to study Chinese along with a wide variety of other subjects. You can choose subjects you are familiar with or entirely new ones!

### Course structure

1st year	2nd year and Final year	Study Abroad option after 2nd year
<b>BA Bachelor of Arts – Chinese Studies – Double Major or as a Minor</b> > 30 credits of Chinese Studies > Choose up to 2 other subjects from the groups available (maximum 1 subject per group – see groups table p. 47)	> Chinese Studies is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor > Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of Chinese Studies. > Optional 10 credit Elective in 2nd year (see p. 13 for details)	

For MH101 subject groups table go to p. 47

### Possible topics

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

## Chinese Studies (group 6 subject)

(continued)



Fuzhou University

- > 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, MLitt or PhD programmes in Chinese Studies currently offered by Maynooth University.

### Chinese Studies is also available in

- MH409:** BBA Business and Languages p. 138
- MH416:** BA International Economics (NEW) p. 142
- MH502 LWD:** BCL (Law and Arts) p. 184

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### You might also like

French p. 70  
 German p. 78  
 Spanish p. 110



# Computer Science (group 5 subject)

Computer Science in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics.  
For full details about entry requirements see p. 44.

- > Computer Science at Maynooth University is the study of the principles and use 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 studies, 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.
- > Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and lab work.
- > We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

## Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Computer Science Double Major, Major/Minor or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; Take either 15 credits or 30 credits of Computer Science</li> <li>&gt; Plus choose 2 or 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see p. 47 for compatible subjects)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Computer Science</li> <li>&gt; Continue with 1 of your other 1st year subjects</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> <li>&gt; Option to transfer to a specialised degree MH601 (BSc Computer Science through Arts), if students have taken either 30 credits of Computer Science plus 15 credits of Mathematical Studies</li> <li>Or</li> <li>&gt; 15 credits of Computer Science plus an additional 7.5 credits including the module CS172 in the second semester of first year (22.5 credits in total) plus the 15 credits of Mathematics</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to programming, computer systems and computer science theory</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Algorithms &amp; Data Structures</li> <li>&gt; Databases</li> <li>&gt; Operating Systems</li> <li>&gt; Multimedia Technology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Networks</li> <li>&gt; Theory of Computation</li> <li>&gt; Software Engineering</li> <li>&gt; Complexity</li> <li>&gt; Choice of CS topics</li> </ul>

# Computer Science (group 5 subject)

(continued)



Eolas - home to Computer Science at Maynooth University

## 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 study options currently include:

- > MSc Computer Science (Applied)
- > MSc Geocomputation
- > MSc Data Science
- > MSc/PhD Computer Science (by research)
- > Professional Master of Education (Teaching)

## Computer Science is also available in

- MH601 CSA** Computer Science and Software Engineering (through Arts) - see section 4
- MH601 MWA** Multimedia, Mobile and Web Development (through Arts) - see section 4

## Contact us

Maynooth University Department of Computer Science, Eolas Building

+ 353 1 708 3847

computerscience.department@mu.ie

www.maynoothuniversity.ie/computer-science

@MU\_CompSci

## You might also like

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

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



# Criminology

 (group 2 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > Criminology is the study of crime, criminal behaviour and the criminal justice system.
- > 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.

## Course structure

### 1st year

#### BA Bachelor of Arts – Criminology Double Major, Major/Minor or as a Minor

- Criminology & 1 other subject to degree level.
- > 15 credits of Criminology
- > Plus choose up to 3 other subjects including Critical Skills from the groups available (maximum 1 subject per group – see groups table p. 47)

### 2nd year and Final year

- > Continue with Criminology as a Double Major, Major/Minor, or as a Minor
- > Continue with 1 of your 1st year subjects
- > Optional 10 credit Elective in 2nd year (see p. 13 for details)
- > Alternatively transfer into our specialised degree in Law and Criminology (MH502). This option is available for students who have passed these subjects (and any other subjects taken) in first year Arts

#### Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 47

## Possible topics

### 1st year

- > Exploring Criminology: What is crime? What is theory and why is it important? Spotlights on key crime categories such as homicide and terrorism. Key skills to study criminology at university level.
- > Introduction to different models of criminal justice and the key personnel (police, judiciary, prison officers) involved in the criminal justice system

### 2nd year

- > Core modules such as Policing, Research Methods, Criminological Theory and Crime and the Media
- > Criminological Theory
- > A range of optional modules including perspectives from anthropology (Ethnographies of Crime), sociology (Class and Community) and law (Mental Health and Criminal Justice; Gender and Crime; Ethnicity, Crime and Punishment).

### Final year

- > Core modules such as Punishment and Penal Policy, Youth Justice, and White-Collar Crime
- > A range of optional modules such as Criminal Psychology, Victimology and the Economics of Crime

# Criminology

 (group 2 subject)

(continued)

## Why choose this subject?

- > Maynooth University is the only University in the Republic of Ireland offering the opportunity to study Criminology as part of an Arts programme, and one of the few to offer a Law and Criminology 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 School of Law and Criminology 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. 183

## Contact us

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✉ law@mu.ie

🖱 www.maynoothuniversity.ie/law

Follow us on Twitter, Instagram and LinkedIn @maynoothlaw

## Criminology Lecturers

The School of Law and Criminology is pleased to count a number of criminological experts among its staff. Dr. Ian D. Marder is an expert in restorative practices and joined Maynooth as a Lecturer in Criminology in May 2018. In 2017/18, he acted as Scientific Expert to the Council of Europe's Council for Penological Co-operation, with whom he drafted a new Recommendation on restorative justice in criminal matters. He is also a member of the Prison Visiting Committee for Arbour Hill Prison in Dublin, and of the Department of Justice Youth Justice Advisory Group.

Professor Claire Hamilton practised as a barrister in criminal law until 2004 when she became a full time academic. She has published widely in various national and international legal and criminological journals and is the author/editor of six books, the most recent of which is the *Handbook of Comparative Criminal Justice* (co-edited with David Nelken).



Dr Ian D. Marder



Professor Claire Hamilton

## You might also like

Anthropology p. 50

Law p. 86

Psychological Studies p. 106

Sociology p. 108



# Economics

 (group 4 subject)

For full details about entry requirements see p. 44.

You do NOT need have taken Leaving Certificate Economics to study this subject at Maynooth University but we recommend O4/H7 in Leaving Certificate Mathematics.

- > Economics is a social science that helps us to understand the behaviour of decision makers such as consumers, firms, workers, governments, investors, central banks, policy makers.
- > Economists are not defined by the subject matter that they study but rather by the way they approach a given topic. Economics provides a framework for understanding problems and learning how to solve them.
- > There is a misconception about economics. People tend to think that economics is all about money and profits, but economics is much more than that. It is about understanding the past, predicting the future, and making evidence-based policy recommendations.
- > Economists aim to find feasible solutions to help improve people's lives. This involves tackling important societal problems such as: how to reduce gender inequality and racial discrimination, how to create international cooperation to protect the environment, how to break the poverty trap in less-developed countries, how to reduce crime.
- > Economists use game theory to analyse strategic interaction to answer questions such as: What is the optimal pricing and advertisement strategy for a firm? How should we set political campaign financing rules to improve the quality of our democracy? How should patents be designed to foster innovation but not curtail competition?
- > Economists use statistical techniques to understand the market and how people respond to incentives. By determining causal relationships, economists can make evidence-based policy recommendations at the firm and state level.

## Course structure

1st year	2nd year and beyond
<p><b>BA Bachelor of Arts – Economics Double Major, Single Major, Major/Minor or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Economics</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<p><b>At the beginning of the second year, you can decide to continue as a BA Arts (MH101) student, or you can transfer into MH401, MH403, MH415 or MH416</b></p> <ul style="list-style-type: none"> <li>&gt; As a BA Arts student, you can take Economics as a single major, as a double major, as a major/minor or as a minor with one of your other 1st year subjects. The threshold for progression into the single major route is 50% in Economics.</li> <li>&gt; You may transfer into MH401 (BA Finance) if you attain 50% in Economics and pass Accounting.</li> <li>&gt; You may transfer into MH403 (BA Accounting and Finance) if you take 22.5 credits in Accounting and attain 60%.</li> <li>&gt; You may transfer into MH415 (BSc Economics) if you attain 60% in Economics and 60% in Mathematical Studies.</li> <li>&gt; You may transfer into MH416 (BA International Economics) if you pass first year in Economics and your other subjects.</li> </ul> <p><b>Erasmus/Study Abroad option exists after the 2nd year. Students will be in Maynooth University campus for their final year.</b></p>

For MH101 subject groups table go to p. 47

## Possible topics

Core subjects	Optional subjects			
<ul style="list-style-type: none"> <li>&gt; Microeconomics</li> <li>&gt; Macroeconomics</li> <li>&gt; Game Theory</li> <li>&gt; Quantitative Methods/ Econometrics</li> </ul>	<table border="0"> <tr> <td> <ul style="list-style-type: none"> <li>&gt; Environmental Economics</li> <li>&gt; Economics of Inequality</li> <li>&gt; Health Economics</li> <li>&gt; Economics of Sport</li> <li>&gt; Economics of Crime</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>&gt; Competition and Regulation</li> <li>&gt; Economics of Work and Life Decisions</li> <li>&gt; Money and Banking</li> <li>&gt; International Macroeconomics</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>&gt; Economics of the EU</li> <li>&gt; Public Economics</li> <li>&gt; International Trade</li> <li>&gt; Information Economics</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>&gt; Environmental Economics</li> <li>&gt; Economics of Inequality</li> <li>&gt; Health Economics</li> <li>&gt; Economics of Sport</li> <li>&gt; Economics of Crime</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Competition and Regulation</li> <li>&gt; Economics of Work and Life Decisions</li> <li>&gt; Money and Banking</li> <li>&gt; International Macroeconomics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Economics of the EU</li> <li>&gt; Public Economics</li> <li>&gt; International Trade</li> <li>&gt; Information Economics</li> </ul>
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# Economics

 (group 4 subject)

(continued)

## Why choose this subject?

- > Economics is a fascinating broad discipline that helps us interpret today's headlines and make forecasts about the coming years.
- > Economics provides students with outstanding analytical and problem-solving abilities, including numerical and computing ability, as well as enhanced communication and presentation skills. These skills are highly valued by employers—medium-sized or large, in all sectors from government to financial services.
- > The Economics Department at MU is made up of a vibrant group of academics with an international reputation for excellence in research. They publish in leading international journals and play an influential role in social and economic development at national level. The Economics Department is among the top 8% of European research institutions in economics.
- > The department has strong links with business and the wider economics community including the Central Bank, the ESRI, hedge funds and fund management companies.

## Options after graduation?

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

**Postgraduate study options in Economics at Maynooth currently include:**

- > MSc in Economics
- > MSc in Economic and Financial Risk Analysis
- > PhD in Economics

## Economics is also available in

**MH107:** BSocSc Social Science p. 172

**MH109:** BA Media Studies p. 173

**MH415:** BSc Economics with integrated MSc Economics p. 141

**MH416:** BA International Economics (NEW) p. 142



“ Studying at Maynooth University was one of the best decisions I've ever made and studying economics even more so. During my studies, I had the opportunity to learn about interesting and exciting concepts that are relevant in the real world. The Economics Department is filled with friendly, knowledgeable lecturers who do their utmost to support you in reaching your academic goals. As well as gaining new knowledge and skills, I made many friends in the warm atmosphere at the University. I left Maynooth with many fond memories and a broad set of skills that will open the door to so many new opportunities. I would thoroughly recommend that you choose to study at Maynooth University, so that you too can enjoy a great personal and academic experience.”

**TARA LOUISE GUNNING** BA ARTS DOUBLE MAJOR  
ECONOMICS AND GERMAN 2021

## Contact us

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## You might also like

Finance p. 68

BSc Economics MH415 p. 141

MH416: BA International Economics (NEW) p. 142



## English (group 3 subject)

For full details of MH101 minimum entry requirements see p. 44.

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

As a student of English, you will learn about:

- > Different literary forms.
- > The conditions that shape writing, from history and geography to questions of gender, race, and class.
- > How literary texts enable us to understand our own complex world.
- > Different approaches to and theories of literature.
- > How different schools of critical thought or areas have shaped and reshaped the subject of English literary studies.

### Why choose this subject?

“Literature is a gateway for understanding cultures and experiences outside of our own, and opening up of minds is crucial to a socio-culturally diverse society.” – Orlagh Woods, PhD student, Maynooth University Department of English.

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

### Course structure

1st year	2nd year and Final year
<b>BA Bachelor of Arts – English – Single Major, Double Major, Major/Minor or as a Minor</b> 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. 47)	> 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 from 2nd year. <b>Erasmus/Study Abroad option after 2nd year</b>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
You will engage with a wide range of literary texts, learning to recognise and analyse 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.	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.	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 specialised areas of English. With advice and supervision from lecturers, you will plan and write essays based on some of your own interests in literature and on your own independent research and writing.

## English (group 3 subject)

(continued)

Engaging in critical debate about the meaning and value of literature will help you to:

- > Foster your critical and intellectual abilities.
- > Develop awareness of the multi-dimensional nature of human situations.
- > Approach problems with an open and enquiring mind.
- > Gain analytical skills, finely-honed writing skills and develop critical thinking – skills which appeal greatly to future employers.
- > Maynooth University Department of English boasts notable expertise in a wide range of literature from the early modern to the present day, and from Irish literature to American, African, Arab and global literatures. Our lecturers' research expertise informs their teaching and provides you as a student with current critical thinking in the broad field of English studies. Our degree reflects the changing, global nature of English language literature while also providing you with a thorough understanding of established traditions.



### 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.

There is also the option of further study and we currently offer these postgraduate courses:

- > MA in English: Literatures of Engagement
- > PhD in English

### English is also available in

- MH109:** Media Studies p. 173
- MH401:** BA Finance p. 130
- MH502 LWD:** BCL Law and Arts p. 184

### Contact us

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🐦 @MaynoothEnglish

### You might also like

Economics p. 64

Politics p. 104

Psychological Studies p. 106



## Finance (group 4 subject)

Minimum entry requirements for Finance in MH101: recommended minimum O4/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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 are available to beginners, with French, German and Spanish also available at non-beginner level.
- > The School of Business is made up of an accomplished group of academics with an international reputation for excellence in research and teaching.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Finance Double Major, Single Major, Major/Minor or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Finance</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<p>After 1st year you can take Finance in a Double Major, as a Single Major, as a Major/Minor or as a Minor with one of your other 1st year subjects. The threshold for progression into the Single Major route is 40%.</p> <p>You may also transfer into MH401 (BA Finance) if you attain 50% in Finance and pass Accounting.</p> <p>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.</p> <ul style="list-style-type: none"> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Microeconomics</li> <li>&gt; Macroeconomics</li> <li>&gt; Quantitative Methods</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Intermediate Microeconomics</li> <li>&gt; Corporate Finance</li> <li>&gt; Financial Management</li> <li>&gt; Financial Modelling</li> <li>&gt; Quantitative Methods</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Advanced Microeconomics</li> <li>&gt; Investments</li> <li>&gt; Derivatives</li> <li>&gt; Fixed Income Markets</li> <li>&gt; Econometrics</li> </ul>

## Finance (group 4 subject)

(continued)

### 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.
- > Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.
- > 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. 173

**MH401:** BA Finance p. 130

**MH402:** BSc Quantitative Finance p. 131

**MH416:** BA International Economics (NEW) p. 142

**MH502 LWD:** BCL Law and Arts p. 184

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Find us on Facebook, Twitter, Instagram and LinkedIn

“ I studied Finance and Business at Maynooth University, majoring in Finance with a minor in Business. I found this course informative, interesting and extremely relevant for today's commercial world covering all aspects of business and finance. The modules I took during my time at the University provided me with a broad range of skills that developed me considerably as a professional. Maynooth University offers a warm and friendly environment in which to study but without doubt the best thing about the University are the lecturers. Their knowledge, support and approachability is second to none. They were always available and willing to provide help and guidance whenever needed.”

**BEN, CREDIT ANALYST, WINTRUST FINANCIAL CORPORATION, CHICAGO, BA FINANCE 2018**



### You might also like

MH401: BA Finance p. 130

Business subjects p. 52

Economics p. 64



## French (group 6 subject)

**Minimum entry requirements:** While there is no minimum entry requirement to study non-beginner French, we generally recommend H4 Leaving Certificate French.  
**Beginners:** no minimum French requirement. For full details about entry requirements see p. 44.  
 If taking up French as a beginner, it is advisable to attend all lectures from the first week of term.

- > Students have been studying French at Maynooth since the foundation of the college in 1795.
- > French is a world language, spoken by 300 million people on several continents and in French territories overseas.
- > 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 degree programme is the path for you.
- > Over the course of your degree programme, you will receive an excellent grounding in all aspects of French language through core modules in French Grammar, Writing in French, Oral Expression, and Listening Skills. In second year and final year, you may choose from a range of optional modules in French and Francophone culture, such as Politics and Ideas, Literature and Society, Women's Writing, Linguistics, Translation and Cinema (depending on availability).

### Course structure

1st year	2nd year and Final year	
<p><b>BA Bachelor of Arts – French – Double Major or as a Minor</b></p> <p>You will engage with a wide range of texts, learning to recognise and analyse key features.</p> <ul style="list-style-type: none"> <li>&gt; Either 15 credits of French (if you studied French in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of French (if you are a beginner)</li> <li>&gt; Non-beginners are strongly recommended to take Language and Culture as a subject in First Year and to select the modules on French Language and Culture.</li> <li>&gt; Choose your other subjects from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; French is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> <li>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner French.</li> </ul>	<p><b>Erasmus/Study Abroad option after 2nd year</b></p> <p>All students of French Studies have the opportunity to spend the third year of their degree programme in a French-speaking country. This might involve:</p> <ul style="list-style-type: none"> <li>&gt; Studying at a university in France (Erasmus programme)</li> <li>&gt; Assisting with English classes at a French school (ELA programme - subject to availability)</li> <li>&gt; Erasmus internship/placement (subject to availability)</li> </ul> <p>Students who avail of the Year Abroad can have this year recognised as part of their studies and thus convert their degree programme into a 4-year BA International.</p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Written and spoken skills in French</li> <li>&gt; Topics in French and Francophone culture and society</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Written and spoken skills</li> <li>&gt; Modules on politics, culture, cinema, literature, linguistics and Francophone cultures</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Recommended year abroad – Erasmus or language assistant</li> <li>&gt; In final year (4th year if Erasmus or language assistantship option taken) you will choose from modules on literature, politics and culture in France and Francophone countries, linguistics, translation and other options</li> </ul>

## French (group 6 subject)

(continued)

### 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 (for those taking the non-beginner stream).
- > 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 H4 in French or equivalent recommended) from first year, and also at beginner level (no minimum requirement).

Students interested in teaching French should note that the Teaching Council of Ireland requires 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 advises at least a three-month residency. Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International.

### 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
- > M Litt French
- > PhD French

### French is also available in

**MH409:** BBA Business and Languages p. 138

**MH416:** BA International Economics (NEW) p. 142

**MH502 LWD:** BCL (Law and Arts) p. 184



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### Contact us

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### You might also like

Chinese Studies p. 58

German p. 78

Nua-Ghaeilge p. 72

Spanish p. 110

# Gaeilge | Nua-Ghaeilge (ábhar ó ghrúpa 4)

Íosriachtanais iontrála: H4, ar a laghad, sa Ghaeilge ag leibhéal na hArdteistiméireachta (nó a chomhionann) riachtanach le staidéar a dhéanamh ar an Nua-Ghaeilge. Níl sruth do thosaitheoirí ar fáil sa Nua-Ghaeilge. Tá na sonraí go léir ar fáil ar leathanach 44.

- > Déanann mic léinn na Nua-Ghaeilge staidéar ar an teanga (labhartha agus scríofa) agus ar ghnéithe den litríocht agus den chultúr.
- > Foghlaimíonn ár mic léinn faoin ilghnéitheacht agus faoin oidhreacht shaibhir atá ag an nGaeilge, chomh maith le scileanna a bheidh úsáideach dóibh le linn a saoil, is cuma cén ghairm a roghnóidh siad. Baineann siad an méid sin amach i Roinn atá cairdiúil agus oscailte agus atá tiomanta don Ghaeilge agus don fhoghlaim.
- > Tá ról lárnach ag an nGaeilge scríofa agus labhartha inár gcúrsa agus tugtar gach spreagadh do mhic léinn a scileanna labhartha agus scríofa a fheabhsú. Chuige sin, caitheann mic léinn tréimhse chónaithe sa Ghaeltacht de ghnáth.
- > Tugtar modúil ar an litríocht chomhaimseartha ionas gur féidir le mic léinn eolas grinn a chur ar fhilíocht, ar phrós agus ar dhrámaíocht na Gaeilge. Cuirtear modúil ar fáil fosta ar an litríocht a bhaineann le tréimhsí níos luaithe, ina measc sin, filíocht na mBard, an Fhiannaíocht, filíocht an 17ú haois, an 18ú haois agus an 19ú haois. Tá modúil roghnacha ar fáil ar Ghaeilge na hAlban, ar ainmneacha pearsanta agus logainmneacha na hÉireann, agus thraidisiún na hamhránaíochta, agus ar thaibhealaíona na Gaeilge agus na Gaeltachta. Mar aon le ceardlanna praiticiúla agus ranganna teagaisc ar an nGaeilge scríofa agus labhartha, cuirimid modúil ar shochtheangeolaíocht na Gaeilge agus ar chanúineolaíocht na nuatheanga ar fáil.

## Struchtúr an chúrsa

An chéad bhliain	An dara bliain agus bliain na céime	Bliain na céime
<p><b>BA Baitsiléir Ealaíon – Nua-Ghaeilge – Dhá Mhórábhar, Mórábhar/Mionábhar nó Mionábhar</b></p> <p>Déantar staidéar ar an Nua-Ghaeilge agus ar ábhar amháin eile don chéim. Níl an Nua-Ghaeilge ar fáil do thosaitheoirí.</p> <p>Ní mór do mhic léinn H4, ar a laghad, a fháil sa Ghaeilge san Ardteistiméireacht (nó a chomhionann) le staidéar a dhéanamh ar an Nua-Ghaeilge.</p> <p>&gt; 15 creidiúint sa Nua-Ghaeilge</p> <p>&gt; Suas le trí ábhar eile nó Scileanna Criticiúla a roghnú ó chúig ghrúpa na n-ábhar (ábhar amháin ó gach grúpa ar a mhéad - féach tábla na ngrúpaí ar lch 47)</p>	<p>&gt; Nua-Ghaeilge</p> <p>&gt; Déantar staidéar ar an Nua-Ghaeilge (agus ábhar amháin eile, seachas Scileanna Criticiúla) sa dara bliain agus i mbliain na céime mar cheann de Dhá Mhórábhar, mar Mhórábhar/Mionábhar nó mar Mhionábhar</p> <p>&gt; Sruth roghnach 10 gCreidiúint ar fáil sa dara bliain (féach lch 13)</p>	<p>Cuirtear modúil roghnacha éagsúla ar fáil sa dara bliain agus i mbliain na céime</p> <p><b>Rogha don Erasmus nó don Staidéar Thar Lear i ndiaidh na dara bliana</b></p>

Téigh chuig lch 47 le breathnú ar thábla ábhair MH101

## Cuid de na réimsí a phléitear

An chéad bhliain	An dara bliain	Bliain na céime
> Teanga agus Litríocht na Gaeilge	<p>&gt; Nualitricht</p> <p>&gt; Litricht na Sean-Ghaeilge</p> <p>&gt; Drámaíocht agus Úrscéalaíocht</p> <p>&gt; Traidisiún na hAmhránaíochta</p>	<p>&gt; An Nua-Ghaeilge Mhoch</p> <p>&gt; Sochtheangeolaíocht na Gaeilge</p> <p>&gt; Litricht chomhaimseartha na Gaeilge</p> <p>&gt; Taibhealaíona na Gaeilge agus na Gaeltachta</p>

# Gaeilge | Nua-Ghaeilge (ábhar ó ghrúpa 4)

(continued)

## Cén fáth a ndéanfá staidéar ar an ábhar seo?

- > Trí mheán na Gaeilge a bhíonn na léachtaí, na ranganna teagaisc agus na ceardlanna ar fad, agus déantar gach cumarsáid leis an Roinn trí mheán na Gaeilge. Cé go gcuireann cúrsa na chéad bhliana béim shuntasach ar an teanga scríofa (i.e gramadach), ní theastaíonn réamheolas ar an ngramadach uait.
- > Tá ionad tacaíochta Gaeilge, An Droichead, ar fáil a chuireann cabhair ar fáil do mhic léinn, mic léinn na chéad bhliana go háirithe, atá ag streachailt leis an teanga. Piartheagasc atá i gceist, agus mic léinn na dara agus na tríú bliana i mbun grúpaí beaga a stiúradh. Ní bhíonn níos mó ná cúigear mac léinn i ngach grúpa agus bíonn deis ag mic léinn ceisteanna a chur, cleachtadh a dhéanamh ar struchtúir, srl.
- > Tá traidisiún Gaeilge i Má Nuad a théann i bhfad siar. Bunaíodh an Ollúnacht le Gaeilge in 1804, go luath tar éis do Choláiste Phádraig teacht ar an bhfód. Dá bhrí sin, tá an Ghaeilge á múineadh ar an gcampas le breis is dhá chéad bliain.
- > Is iomaí gné de léann na Gaeilge a ndéantar taighde uirthi sa Roinn, idir theanga agus litríocht, idir shean agus nua, chomh maith le réimsí léinn atá gaolmhar don teanga. Orthu sin tá, mar shampla, an Teangeolaíocht, an Béaloideas, An Chritic Liteartha, Gaeilge na hAlban, an Nua-Ghaeilge Mhoch, Logainmneacha agus Ainmneacha Pearsanta na Gaeilge, Traidisiún na hAmhránaíochta, Taibhealaíona na Gaeilge agus na Gaeltachta, agus an Cleachtas Cruthaitheach. Pléitear leis an nGaeilge mar theanga bheo agus mar chuid luachmhar d'oidhreacht chultúrtha na hÉireann agus na hEorpa.

## Deiseanna tar éis na céime?

- > Tá scileanna teanga, scileanna taighde, anailíse agus cur i láthair fite fuaite sa chéim agus bíonn ardmheas orthu i ngairmeacha éagsúla.
- > Éiríonn lenár gcéimithe poist a bhaint amach i réimsí lena n-áirítear na meáin, aistriúchán, ateangaireacht, múinteoireacht ag an mbunleibhéal agus ag an dara leibhéal, an státseirbhís, i réimsí na ríomheolaíochta agus sa Roinn Gnóthaí Eachtracha.
- > Tá na cláir iarchéime seo a leanas á dtairiscint ag an Roinn faoi láthair: M.Litt sa Nua-Ghaeilge (mórthráchtas), MA sa Nua-Ghaeilge (miontráchtas nó togra sa taighde ealaíonta, obair chúrsa agus scrúduithe), PhD sa Nua-Ghaeilge agus PhD Nua-Ghaeilge (Taighde Ealaíonta). D'éirigh le mic léinn dár gcuid maoiniú a bhaint amach thar na blianta le staidéar a dhéanamh ag na leibhéil seo a leanas: MA, M.Litt., MSc agus PhD.

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

**MH109:** BA Staidéar ar na Meáin lch 173

**MH502 LWD:** BCL (Dlí agus na hEalaíona) lch 184



## Déan teagmháil linn

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## Seans go mbeadh spéis agat sna hábhair seo

Léann Síneach lch 58

An Fhraincis lch 70

An Ghearmáinis lch 78

An Léann Ceilteach lch 96

An Spáinnis lch 110



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

Minimum entry requirements: Leaving Certificate H4 in Irish (or equivalent) required to study Nua-Ghaeilge. No beginner stream in Nua-Ghaeilge. For full details about entry requirements see p. 44.

- > 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 which career they choose. They will accomplish this in a friendly, open Department that 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.
- > Our modules allow students to gain a deep appreciation of contemporary Irish literature – poetry, prose and drama. Modules are also offered on earlier periods of Irish literature, including Bardic Poetry, the Fenian Cycle and poetry of the 17th, 18th and 19th centuries. There also are optional modules on Scottish Gaelic, on Irish personal and place names, on the *sean-nós* singing tradition, and on Irish-language oral traditions and performing arts. 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.

## Course structure

### 1st year

#### BA Bachelor of Arts – Nua-Ghaeilge – Double Major, Major/Minor or as a Minor

Nua-Ghaeilge and another subject to degree level.

Students are required to have a minimum H4 in Leaving Certificate Irish, or equivalent, to study Nua-Ghaeilge.

- > 15 credits of Nua-Ghaeilge
- > Choose up to 3 other subjects or Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)

### 2nd year and Final year

- > Nua-Ghaeilge
- > Continue with 1 of your 1st year subjects (excluding Critical Skills) as part of a Double Major, Major/Minor or as a Minor
- > 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. 47

## Possible topics

### 1st year

- > Irish Language and Literature

### 2nd year

- > Modern Literature
- > Early Irish Literature
- > The Play and the Novel
- > The Singing Tradition

### Final year

- > Early Modern Irish
- > Irish Sociolinguistics
- > Contemporary Irish Literature
- > Irish-language performing arts

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

(continued)

## 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 Modern Irish, Irish Place and Personal Names, the *sean-nós* singing tradition, and Irish-language/Gaeltacht performing arts. Irish is studied both as a living language and as a valuable part of Irish and European cultural heritage.

## 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 or Irish-language artistic research project and coursework/examinations), PhD in Modern Irish, and PhD in Irish-language Artistic Research. 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. 173

MH502 LWD: BCL (Law and Arts) p. 184



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## You might also like

Chinese Studies p. 58

French p. 70

German p. 78

Medieval Celtic Studies p. 96

Spanish and Latin American Studies p. 110

# Geography (group 1 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > We explore environment, place, and space across time. We ask questions such as: How much climate change and land-use 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.

## Course structure

1st year	2nd year and Final year	OR 2nd year and Final year
<p><b>BA Bachelor of Arts – Geography – Single Major, Double Major, Major/Minor or as a Minor</b></p> <p>Geography and 1 other subject to degree level.</p> <p>&gt; Choose 15 or 30 credits of Geography from group 1 and/or 6 plus up to 3 other subjects including Critical Skills from the 4 or 5 groups available (maximum 1 subject per group). If choosing Geography in Group 6, the only subject you may choose in Group 1 is Geography (this is due to timetabling of subjects in 2nd year)</p>	<p>&gt; Geography</p> <p>&gt; Continue with 1 of your 1st year subjects as a Major/Minor, Double Major or Minor</p> <p>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p>&gt; Erasmus/Study Abroad option after 2nd year</p>	<p><b>Single Major Geography from 2nd year</b></p> <p>&gt; At least 50 credits of Geography in each of 2nd and final year</p> <p>&gt; To enter the Single Major students must normally achieve at least 60% in their 1st year Geography examinations</p> <p>Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<p>Students can choose 15 or 30 credits of Geography in first year. The two separate 15 credit Geography options are:</p> <p><b>Living Landscapes – in group 1 (15 credits)</b></p> <p>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.</p>	<p><b>Global Environments – in group 6 (15 credits)</b></p> <p>&gt; This introduces students to the issues involved in modern global development within a highly modified, rapidly changing natural environment</p> <p>&gt; 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.</p> <p>You will study a range of different approaches in Geography, and have options to undertake fieldwork either in Ireland or overseas alongside Methods modules to develop further skills, including Geographical Information Systems.</p> <p>2nd year topics may include:</p> <ul style="list-style-type: none"> <li>&gt; Biogeography</li> <li>&gt; Climatology</li> <li>&gt; Geomorphology</li> <li>&gt; Hydrology</li> <li>&gt; Global Environmental Change</li> <li>&gt; Hazards and Society</li> <li>&gt; Economic Geography</li> <li>&gt; Urban Geography</li> <li>&gt; Rural Geography</li> <li>&gt; Political Geography</li> <li>&gt; Social and Cultural Geography</li> <li>&gt; Spatial Justice</li> </ul>	<p>In 3rd year you can continue with some of these specialisms, or include, for example:</p> <ul style="list-style-type: none"> <li>&gt; Climate Change</li> <li>&gt; Fluvial Geomorphology</li> <li>&gt; Glacial Geomorphology</li> <li>&gt; Global Ecosystems Pressures and Sustainability</li> <li>&gt; Palaeoecology</li> <li>&gt; Oceanography</li> <li>&gt; Geographical Information Systems (GIS)</li> <li>&gt; Environmental Remote Sensing</li> <li>&gt; Geopolitics</li> <li>&gt; Electoral Geographies</li> <li>&gt; The Creative City</li> <li>&gt; Medical Geography</li> <li>&gt; City in Film</li> <li>&gt; Global Foodscapes</li> <li>&gt; Regional Development</li> </ul> <p>You may also opt for a work placement (subject to availability).</p>

# Geography (group 1 subject)

(continued)



Dr Stephen McCarron (Department of Geography) on top of a sediment-covered glacier margin during a recent field trip to Iceland's Vatnajökull ice cap.

## Why choose this subject?

- > You will learn to think critically, analysing how and why our world changes. Our students develop a valuable way of thinking 'spatially', with space, place, time and nature-society relations at the forefront of their analysis.
- > Geography paves the way for active citizenship, diverse exciting careers including research, and provides a foundation for lifelong learning.
- > Geography graduates are flexible thinkers, and learn a wide range of skills which appeal to employers in the modern fast changing workplace.

## 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 research, urban planning, community development, teaching, overseas aid and development, environmental monitoring and mapping, ICT, retail and marketing analysis, data analysis, environmental consultancy, business management, economic and industrial development agencies, public administration, environmental management and conservation agencies, to name but a few.
- > Many students catch the research bug and decide to remain at university to pursue higher degrees, which offer research career opportunities.

## Our taught postgraduate programmes currently include:

- > MA Geography
- > MA Spatial Justice
- > MSc Climate Change
- > MSc Geographical Information Systems and Remote Sensing
- > MSc Geocomputation

## Geography is also available in

**MH107:** BSocSc Bachelor of Social Science p. 172

**MH109:** BA Media Studies p. 173

## Contact us

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🐦 @maynoothgeog

## You might also like

[BSc Biological & Geographical Sciences MH203 p. 189](#)

[Anthropology p. 50](#)

[Business subjects p. 52](#)

[International Development p. 84](#)



## German (group 1 subject)

**Minimum entry requirements:** While there is no minimum entry requirement to study non-beginner German, we generally recommend H4 Leaving Certificate German. For full details about entry requirements see p. 44.  
If taking up German as a beginner, it is advisable to attend all lectures from the first week of term.

- > German currently tops the list of the 5 most in-demand foreign languages in Ireland among employers (cpl.com). As the native language to almost 100 million people around the world, German is a critical language for business, science and culture.
- > Studying German at Maynooth University equips you with excellent language, communication, research, intercultural and analytical skills that help you stand out from the crowd.
- > We have a wide range of exciting modules taught by international and local experts. Our students have opportunities to focus on linguistics, translation, history, politics, and the literary, visual and business cultures connected to German, alongside the language itself.
- > If you're a beginner, you can fast-track your progress by taking German as a double subject.

### Why choose this subject?

- > **Language AND culture:** discover how people live, think and interact in German-speaking countries. Our programme is specially designed to allow you to develop advanced competence and fluency in all key language areas, while expanding your cultural understanding, intercultural awareness, and your critical thinking and evaluative abilities.
- > **Year Abroad:** every student is encouraged to spend a year in a German-speaking country. You can study at a German-speaking university – we have links with over 20 universities in Germany and Austria - or work as a language teacher or be an Erasmus intern (subject to availability).
- > **Small classes taught by experts:** our language, linguistics and culture modules are generally taught in small class groups - an environment in which students thrive. Our staff are keen researchers, and this is integrated into our teaching and approach.
- > **Employability:** 1,200 positions are currently open to graduates with strong German proficiency and intercultural skills.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – German – Double Major or as a Minor</b></p> <p>You will engage with a wide range of texts, learning to recognise and analyse key features.</p> <ul style="list-style-type: none"> <li>&gt; Either 15 credits of German (if you studied German in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of German (if you are a beginner)</li> <li>&gt; Non-beginners are strongly recommended to take Language and Culture as a subject in First Year and to select the modules on German Language and Culture.</li> <li>&gt; Choose your other subjects from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<p>&gt; German as a Double Major or as a Minor</p> <p>&gt; Continue with 1 of your 1st year subjects</p> <p>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner German.</p> <p><b>Erasmus:</b></p> <p>All students of German have the opportunity to spend the 3rd year of their degree programme in a German-speaking country.</p> <p>You can:</p> <ul style="list-style-type: none"> <li>&gt; Study at a university in Germany or Austria (Erasmus)</li> <li>&gt; Work as an English Language Assistant at a German or Austrian school (ELA programme - subject to availability)</li> <li>&gt; Complete an Erasmus internship / placement (subject to availability)</li> </ul> <p>Students who avail of the Year Abroad can get this year recognised as part of their studies and convert their degree programme into a 4-year BA International.</p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Grundkurs Sprache: speaking, listening, reading, grammar, writing</li> </ul>	<ul style="list-style-type: none"> <li>&gt; You will study a range of different topics and approaches to German Studies, and have opportunities to take optional modules in the cultures, cinemas, and literatures of Germanophone countries, as well as language awareness, business, and crossing boundaries (Year Abroad preparation).</li> </ul>	<ul style="list-style-type: none"> <li>&gt; You will have the opportunity to continue to specialise in the cultures, cinemas, and literatures of Germanophone countries, or to include, for example, modules in linguistics and translation.</li> </ul>

## German (group 1 subject)

(continued)

Every student will have the opportunity to spend a year in a German-speaking country as an Erasmus student, Language assistant or Erasmus intern (subject to availability).

### German at Maynooth University Erasmus links include:

- > large cities including Berlin, Munich and Vienna;
- > smaller cities such as Graz, Potsdam, Leipzig and Bonn;
- > towns like Bielefeld, Marburg and Tübingen.

Interested in teaching German? 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. Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International.

### Options after graduation?

- > **Highly sought-after skills:** The government has identified language skills as one of the most sought-after 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.
- > **Jobs across sectors:** 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.
- > **Study further:** Some graduates opt to go on to postgraduate study, and our students have been successful in securing funding to study at master's and PhD levels. 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.

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

- > MA in German
- > M.Litt. (Research)
- > MA in Applied Linguistics & Intercultural Studies
- > PhD in German
- > PhD in Applied Linguistics & Intercultural Studies

### German is also available in

**MH409:** BBA Business and Languages p. 138

**MH416:** BA International Economics p. 142

**MH502 LWD:** BCL (Law and Arts) p. 184



Berlin

### Contact us

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### You might also like

Chinese Studies p. 58

French p. 70

Nua-Ghaeilge p. 72

Spanish p. 110

# Greek and Roman Civilization (group 6 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > Greek and Roman Civilization involves study of the history, literature, art, philosophy and material culture of two of the most influential periods in human history.
- > As an interdisciplinary subject, Classics spans an immense range of human experience over some 1700 years, from the late Bronze Age through to the “fall” of the Roman Empire. Greek and Roman civilizations were of foundational importance for medieval, Renaissance and modern Europe, and can claim an almost global impact.
- > In Maynooth, students are introduced to the complexities and diversity of the ancient Mediterranean cultures, through many perspectives. Themes explored in individual modules include mythology and the gods; war and heroism; colonies, cities, civilization and “the barbarian”; ideologies of empire; people and elites; women and gender; friendship, sexuality, and norms of beauty; ideas of justice, law, happiness, and the holy.
- > All material is studied in English translation. No previous knowledge of the subject is required or expected. Options exist for students to take modules in Greek and/or Latin languages as part of the programme in Greek & Roman Civilization.

## Course structure

### 1st year

#### BA Bachelor of Arts – Greek and Roman Civilization – Double Major or as a Minor

Greek and Roman Civilization and another subject to degree level.

> 15 credits of Greek and Roman Civilization

> Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)

### 2nd year and Final year

> Greek and Roman Civilization 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)

#### Erasmus/Study Abroad option after 2nd year

For MH101 subject groups table go to p. 47

## Possible topics

### 1st year

> In Semester 1, a module on Greek civilization (“Gods and Heroes: From Myth to History”) explores the world of Homer’s Odyssey before turning to the histories of democratic Athens and militaristic Sparta, and the momentous wars against the vast Persian Empire.

> The Semester 2 module on Roman civilization (“Culture, Politics and Society in the Roman Republic”) surveys late Republican Rome, from the daily experiences of ordinary people to the manoeuvrings of leaders like Julius Caesar, Cleopatra, and Octavian—leading up to the revolution of the Roman world, from republic to empire.

### 2nd year

> Ancient Mythology: Epic and Art

> Greek Tragedy

> Thucydides and Greek Historiography

> Power and the People in Imperial Rome

> Women in Greece and Rome

> Love and Friendship in the Ancient World

> Introductory Latin (20 credits)

> Introductory Greek (10 credits)

### Final year

> Greek Law and Political Theory

> Alexander the Great and Macedon

> Virgil’s Aeneid and Roman Epic

> Roman Religion

> Ireland and the Classics

> Independent Essay Project

> Intermediate Latin: Poetry/Prose of the Republic/Empire (20 Credits)

> Introductory-Intermediate Greek (10 Credits)

# Greek and Roman Civilization (group 6 subject)

(continued)

## Why choose this subject?

- > Tradition and influence. Study of Greek and Roman civilizations goes back to the foundation of Maynooth as a college in 1795. All the “greats” have studied Greece and Rome in some form, including (but not limited to) Karl Marx, W.B. Yeats, Seamus Heaney, J.K. Rowling, Mark Zuckerberg, and even Ryan Tubridy!
- > The Department enjoys an excellent reputation for both teaching and research. Staff are friendly, and relatively small class sizes allow students to get individual attention and feel at home.
- > Interdisciplinary. Few other degrees offer as much, from heroic epic and lyric songs to philosophical systems to imperial politics. An all-round education that complements many other courses, laying the foundation for success in many careers and walks of life.

## Options after graduation?

- > In our fast-changing world, many employers look for graduates who are flexible, creative, and open-minded, who can handle a variety of material and perspectives, conduct independent research, write and communicate effectively. All these qualities and transferable skills are developed throughout the degree in Greek and Roman Civilization. Its interdisciplinary nature is therefore highly valued as an ideal preparation for careers in education, law, politics, consultancy, journalism, librarianship, publishing, and business.
- > Postgraduate study is possible through 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

MH502 LWD: Law & Arts p. 184

“ Many of the skills I apply on a daily basis in my role as a professional services marketing manager – conducting research, analysing reports and putting forward persuasive arguments – were honed in the Classics Department at Maynooth University. The lecturers were incredibly supportive and I would recommend Classics as a subject to anyone as it offers graduates a world of opportunity.”

EMER, GRADUATE



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📌 @ancient.classics

## You might also like

History p. 82

Medieval Celtic Studies p. 96

Philosophy p. 102



## History (group 2 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > History is the systematic examination of human experience over time. It attempts to explain the origins and evolution of the societies we live in, from as many points of view as possible.
- > History explores the complex processes of social and economic change, the choice of one set of political or ethical values over another, the context in which new ideas arise, and much more.
- > The written word is one way of gathering information about the past, but new technologies and research methods allow for the study of history to take place through other mediums.

### Why choose this subject?

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

### Course structure

1st year	2nd year and Final year	Or
<b>BA Bachelor of Arts - Single Major, Double Major, Major/Minor or as a Minor</b> History and 1 other subject to degree level. > Take either 15 or 30 credits of History > Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)	> 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) <b>Erasmus/Study Abroad option after 2nd year</b>	<b>Single Major History from 2nd year</b> > 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) <b>Erasmus/Study Abroad option after 2nd year</b>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
> Introduction to medieval history > Making the modern world: Themes in History (globalisation).	> Europe in the Early Modern World > Picturing the Renaissance > The birth and death of Yugoslavia > A History of Warfare from Plato to NATO	> Decline and rise of the Irish Country House, 1845 to the present > The Holy Roman Empire > Religion and conflict in Ireland since 1930 > The making of the modern Middle East

## History (group 2 subject)

(continued)



St. Joseph's Square, South Campus

### 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 Irish History
- > MA in Military History and Strategic Studies

### History is also available in

- MH109:** BA Media Studies p. 173
- MH502 LWD:** BCL (Law and Arts) p. 184

“ Maynooth always appealed to me because there's a great community spirit on campus and around the town - in fact I've never met a graduate that didn't love their time in Maynooth!

While I didn't realise it at the time, being an Arts graduate opens up so many career possibilities; the skills I gained during my time in Maynooth, from research, writing, and analytical thinking, have all benefitted my career greatly including my time working in a sales and marketing role in KPMG.”

EMILY, GRADUATE

### Contact us

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 🐦 @MaynoothHist  
 📘 @maynoothhistory

### You might also like

Greek and Roman Civilization p. 80  
 Medieval Celtic Studies p. 96

# International Development (group 3 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > 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.

## Course structure

1st year	2nd year and Final year	
<b>BA Bachelor of Arts – International Development – Double Major, Major/Minor or as a Minor</b> International Development and 1 other subject to degree level. > Take either 15 or 30 credits of International Development > Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)	> Continue with International Development and 1 other 1st year subject as a Double Major, Major/Minor or as a Minor > Optional 10 credit Elective in 2nd year (see p. 13 for details)	<b>Erasmus/Study Abroad option after 2nd year</b>

For MH101 subject groups table go to p. 47

## Possible topics

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

# International Development (group 3 subject)

(continued)

## Why choose this subject?

- > Gain an understanding of social change processes from household to global levels from an international development perspective and how development can be planned, organised and managed to meet the needs of all, especially the most marginalised communities around the world.
- > We focus on the roles and effectiveness of international and national development actors (UN, Governments, NGO's and Civil Society groups) and market actors in meeting development challenges, and in providing a better world for all.

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

## International Development is also available in

**MH109:** BA Media Studies p. 173

**MH502 LWD:** BCL (Law and Arts) p. 184



“ 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, GRADUATE**

## Contact us

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🐦 @DeptIntDevMU

## You might also like

Anthropology p. 50

Community and Youth Work p. 174

Geography p. 76



**Law** (group 1 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > 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 a wide range of subject areas.
- > Tailor your degree to your interests while developing a broad skill set which is highly valued by employers.

**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).
- > At the end of second year, students of the BCL and LLB degrees may apply to complete a work placement year in a law firm (subject to availability). All Law students may apply to complete a year studying abroad at one of our partner institutions (subject to availability).
- > 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	2nd year and Final year
<b>BA Bachelor of Arts – Law as a Double Major or as a Minor</b> 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. 47)	> 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 2nd year of the 4 year LLB Law degree. Students who have taken Accounting, Business or Criminology in 1st year may apply to transfer to 2nd year of the BCL Law and Accounting, Business or Criminology respectively (subject to certain conditions). Only BCL and LLB graduates are recognised by the King's Inns as eligible to sit their entrance examination for entry to the barristers' profession. > Optional 10 credit Elective in 2nd year (see p. 13 for details)  <b>Erasmus/Study Abroad option after 2nd year (subject to certain conditions)</b>

For MH101 subject groups table go to p. 47

**Possible topics**

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

**Law** (group 1 subject)

(continued)



New House, South Campus

**Options after graduation?**

- > Graduates of our LLB and BCL programmes (but not of the MH101 BA programme) will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister. Graduates of the BA, BCL, or LLB are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- > Studying law also opens up a whole range of career options outside of being a lawyer such as journalism; policy development; business and finance; management consulting; the Non-Governmental Organisation (NGO) sector; and national and international public administration (such as with the EU or UN).
- > The School of Law and Criminology offers a wide range of postgraduate study options from Criminology to International Business Law.

**Law is also available in****MH501:** Law (LLB) p. 180**MH502 LWA:** BCL (Law and Accounting) p. 181**MH502 LWB:** BCL (Law and Business) p. 182**MH502 LWC:** BCL (Law and Criminology) p. 183**MH502 LWD:** BCL (Law and Arts) p. 184**Contact us**

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**You might also like**

Criminology p. 62

Economics p. 64

Greek and Roman Civilization p. 80

Politics p. 104

Psychological Studies p. 106

# Mathematical Physics

 (group 6 subject)

Minimum entry requirements for Mathematical Physics in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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	2nd year and Final year	Erasmus/Study Abroad option after 2nd year
<p><b>BA Bachelor of Arts – Mathematical Physics as a Single Major, Double Major, Major/Minor or Minor</b></p> <p>Mathematical Physics and another subject to degree level.</p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Mathematical Physics</li> <li>&gt; Choose 2 or 3 other subjects including Critical Skills from the groups available (maximum 1 subject per group - see p. 47 for compatible subjects)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Double Major, Major/Minor or Minor: Mathematical Physics and 1 of your 1st year subjects in 2nd &amp; 3rd year</li> <li>&gt; Single Major option 1: Mathematical Physics with 1 of your 1st year subjects in 2nd year and Mathematical Physics only in 3rd year</li> <li>&gt; Single Major option 2: Mathematical Physics only in 2nd and 3rd year (60% required in 1st year Mathematical Physics to take this option)</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul>	

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Space-time</li> <li>&gt; Force</li> <li>&gt; Newton's laws</li> <li>&gt; Quantum physics</li> <li>&gt; Einstein's special theory of relativity</li> <li>&gt; Angular momentum</li> <li>&gt; Conservation laws</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Electricity and magnetism</li> <li>&gt; Vibrations and waves</li> <li>&gt; Vector calculus</li> <li>&gt; Mechanics of Lagrange and Hamilton</li> <li>&gt; Special theory of relativity</li> <li>&gt; Computational physics</li> <li>&gt; Thermal physics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Quantum mechanics</li> <li>&gt; Statistical physics</li> <li>&gt; Particle physics</li> <li>&gt; Physical cosmology</li> <li>&gt; Solid state physics</li> <li>&gt; Fluid mechanics</li> <li>&gt; Quantum information science</li> </ul>

# Mathematical Physics

 (group 6 subject)

(continued)



## 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.

- > 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 Theoretical Physics (Research)

### Mathematical Physics is also available in

- MH201:** BSc Bachelor of Science p. 116
- MH204:** BSc Physics with Astrophysics p. 190
- MH206:** BSc Theoretical Physics and Mathematics p. 191
- MH212 MED:** BSc Mathematics (with Education) p. 198

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## 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.

### You might also like

- [Accounting p. 48](#)
- [Economics p. 64](#)
- [Mathematical Studies p. 90](#)
- [Mathematics \(Pure\) p. 92](#)



## Mathematical Studies (group 3 subject)

Minimum entry requirements for Mathematical Studies in MH101: recommended minimum O3/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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.

### Course structure

1st year	2nd year	Final year	Erasmus/Study Abroad option after 2nd year
<b>BA Bachelor of Arts Mathematical Studies - Double Major, Major/Minor or Minor</b> > Mathematical Studies is taken with 2 or 3 other Arts subjects which may include Critical Skills in 1st year > See groups table on p. 47 for compatible subjects – group 3 not available	<b>Double Major, Major/Minor or Minor:</b> > Mathematical Studies is taken with another Arts subject > Optional 10 credit Elective in 2nd year (see p. 13 for details)	> Mathematical Studies may be taken as a Single Major > Alternatively, Mathematical Studies may be taken as a Major/Minor, Double Major or Minor with your 2nd year subject	

For MH101 subject groups table go to p. 47

### Possible topics

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

## Mathematical Studies (group 3 subject)

(continued)

- > 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 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 currently include:

- > MSc 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. 173

**MH401:** BA Finance p. 130

**MH502 LWD:** BCL (Law and Arts) p. 184

### Contact us

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“ By the time I had completed the second year of my BA, I knew I wanted to do a master’s. I therefore decided to focus on Mathematics in third year. This was the year I found most enjoyable of all as I was able to focus on the subject I loved.

The role I now have with an insurance company involves writing computer programmes and analysing data and my team then make recommendations to the business based on this analysis.

I don’t think I would have enjoyed studying Maths as much if I had done it anywhere else. The staff in the Maths Department are approachable and really take an interest in their students. The Maths Support Centre also helps a lot of students to make sense of, and enjoy, their course work.”

**GRÁINNE, GRADUATE**



Maynooth University Library

### You might also like

Accounting p. 48

Business subjects p. 52

Economics p. 64

Mathematics (Pure) p. 92

Statistics p. 112

## Mathematics (Pure) (group 1 & 3 subject)

Minimum entry requirements for Mathematics (Pure) in MH101: required minimum H2 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

- > 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.

### Course structure

1st year	2nd year	Final year	
<p><b>BA Bachelor of Arts Mathematics (Pure) - Double Major or Major/Minor</b></p> <ul style="list-style-type: none"> <li>&gt; As a Double Major BA degree Mathematics (Pure) is taken with 1 or 2 other Arts subjects which may include Critical Skills in 1st year</li> <li>&gt; See page 47 for compatible subjects excluding groups 1 &amp; 3</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematics (Pure) may be taken with another Arts subject, or it may be taken as a Major/Minor with an Arts subject or Statistics</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>	<ul style="list-style-type: none"> <li>&gt; Mathematics (Pure) is taken as a Single Major, on its own, or Major/Minor or Double Major with your 2nd year subject</li> </ul>	<p><b>NOTE:</b> Students require a mark of 50% or higher in 1st year Mathematics (Pure) to proceed to 2nd year in Mathematics (Pure). Students attaining a mark below 50% and who are eligible to proceed to 2nd year, progress to 2nd year Mathematical Studies, or progress with Statistics and other 1st year subject, or with the two other subjects they took in 1st year.</p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year	
<ul style="list-style-type: none"> <li>&gt; Integration</li> <li>&gt; Analysis</li> <li>&gt; Finite Maths</li> <li>&gt; Linear Algebra</li> <li>&gt; Geometry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Real and Complex Analysis</li> <li>&gt; Metric Spaces</li> <li>&gt; Group Theory</li> <li>&gt; Rings and Fields</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Topology</li> <li>&gt; Group Theory</li> <li>&gt; Number Theory</li> <li>&gt; Differential Geometry</li> <li>&gt; Some optional modules</li> </ul>	

## Mathematics (Pure) (group 1 & 3 subject)

(continued)

- > 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 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 currently include:

- > Higher Diploma in Data Analytics
- > MSc or PhD in Mathematics or Statistics
- > MSc in Data Science & Analytics

### Mathematics (Pure) is also available in

**MH206:** BSc Theoretical Physics and Mathematics p. 191

### Contact us

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🖱 [www.maynoothuniversity.ie/mathematics-and-statistics](http://www.maynoothuniversity.ie/mathematics-and-statistics)

🐦 @MU\_MathsStats

“ The lecturers are extremely helpful and are interested in you understanding the material, and not just getting you through exams. The modules are diverse and interesting, changing nearly every year. I even did a module through Irish, and I can hardly speak a word of Irish!

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, GRADUATE**



### You might also like

Accounting p. 48

Computational Thinking p. 152

Economics p. 64

Mathematical Studies p. 90

Statistics p. 112



## Media & Cultural Studies (group 6 subject)

Minimum entry requirements: For full details of MH101 minimum entry requirements, see p. 44.

- > By studying Media & Cultural Studies, you'll get to explore the ways that film, television, social media, print media and radio shape your lived experience.
- > You'll have the opportunity to research and analyse media genres like advertising and documentary, media subcultures and fandoms, and media technologies and platforms like video streaming and TikTok.
- > You'll develop your employability and professionalism through your exploration of media and cultural industries and working lives.
- > This subject is focused on critical dimensions of media and culture. To develop your skills in digital and audio-visual practice, you should apply to MH109 Media Studies.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Media &amp; Cultural Studies – Double Major or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Media &amp; Cultural Studies</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Media &amp; Cultural Studies is taken with another subject in 2nd and 3rd year as part of a Double Major or as a Minor</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

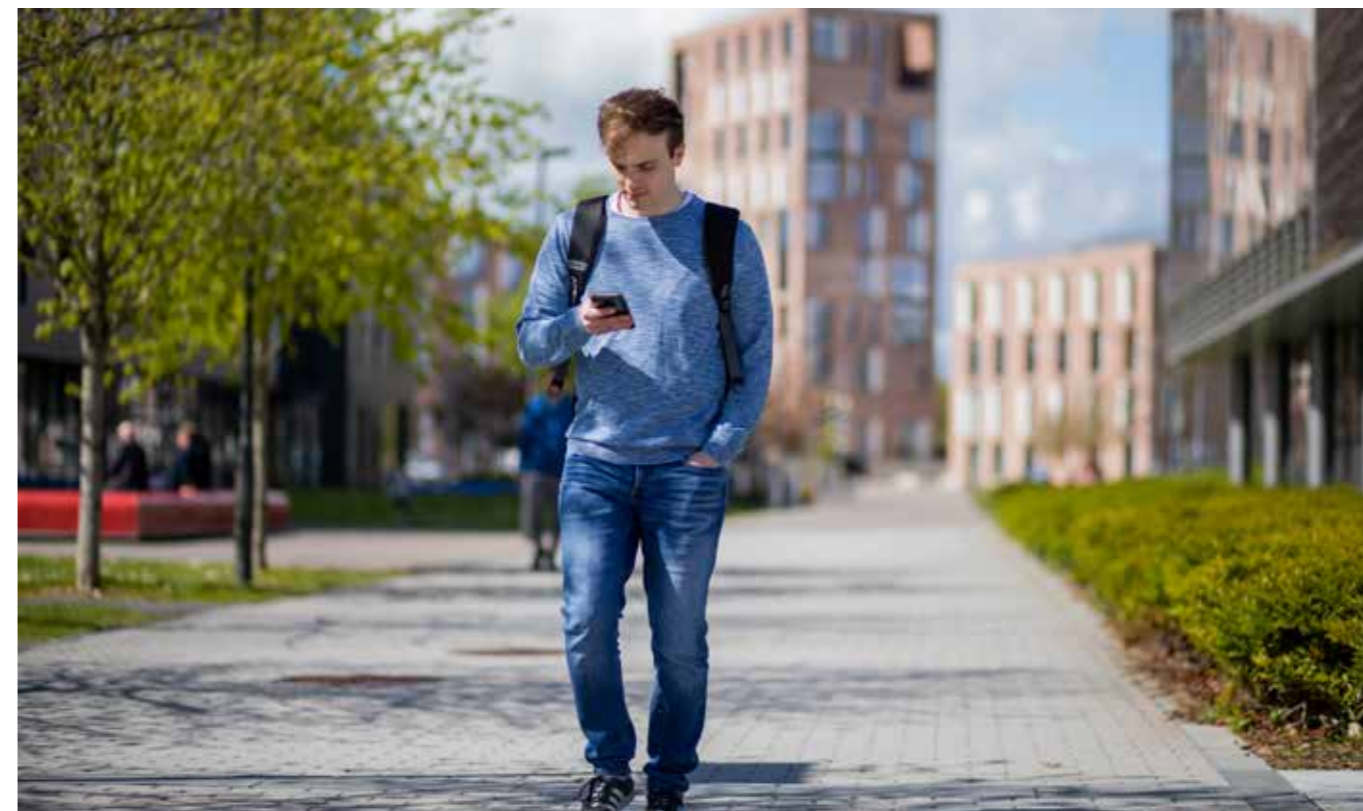
For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; You'll explore media and cultural texts and narratives; learn about media and cultural industries; and examine media and cultural audiences</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Along with modules that develop your research and analytical skills in media and cultural theories and texts, you'll be able to select optional modules like Film, TV and Screen Studies, Media &amp; Politics, and Media and Gender among others.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Here you'll have the chance to learn more about media and cultural industries and work by engaging in skills-development projects, speaking with graduates and developing CVs and portfolios. You'll also be able to select optional modules like Podcasting and 21st Century Radio, Global Cinema and Fans and Subcultures among others.</li> </ul>

## Media & Cultural Studies (group 6 subject)

(continued)



### Why choose this subject?

- > To develop understanding of how media shapes our ways of being in the world
- > To build knowledge of the key practices and processes of the ever growing and ever changing media and cultural industries
- > To learn how to engage effectively and critically with an increasingly mediated world

### Options after graduation?

- > Graduates emerge from Media & Cultural Studies with skills in demand in sectors including: arts, cultural & heritage; media production, sales and distribution; marketing, PR and communications; social media; NGOs and charity sector.
- > Graduates also have transferable communication, problem-solving, research, project management and teamwork skills that are well-matched with wider sectors including public service, education and business.
- > 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  
 ☎ + 353 1 708 3624  
 ✉ media.studies@mu.ie  
 🌐 www.maynoothuniversity.ie/media-studies  
 🐦 @MU\_MediaStudies  
 📘 @mediastudiesatmu

### You might also like

BA Media Studies MH109 p. 173  
 (This specialised degree includes practical, hands-on instruction in digital storytelling practices.)  
 Anthropology p. 50  
 English p. 66  
 Product Design and Innovation p. 175

# Medieval Celtic Studies

 (group 6 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > Anyone with an interest in Irish history, archaeology, languages or literature will be captivated by this subject: from Cú Chulainn to Clonmacnoise, from Brú na Bóinne to the Book of Kells, all aspects of Medieval Celtic Studies are explored.
- > The diverse range of topics encompasses heroic literature and pre-historic archaeology, Otherworld tales and mythology, and gender and sexuality in medieval Celtic societies. The links between Ireland and the wider Celtic world are explored through literature and archaeology.
- > You will study texts through English translations, and gain insights into the society of medieval Ireland: a world of power struggles, cattle raids, love triangles, infidelity, warfare, kingship and much more. Along the way, students discover that certain fundamental human experiences and anxieties were the same in the early Middle Ages as they are in the twenty-first century.
- > There is an option to study modules in both the Old Irish language and Middle Welsh.

## Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Medieval Celtic Studies – Double Major, Major/Minor or as a Minor</b></p> <ul style="list-style-type: none"> <li>&gt; Take 15 credits of Medieval Celtic Studies</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Medieval Celtic Studies and 1 other 1st year subject as a Double Major, Major/Minor or as a Minor</li> <li>&gt; 2nd and 3rd year optional language modules are available, subject to a minimum level of uptake</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to the Celtic World</li> <li>&gt; Gender and Sexuality in the Celtic World</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Archaeology</li> <li>&gt; History</li> <li>&gt; Literature</li> <li>&gt; Language (optional)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Literature</li> <li>&gt; History</li> <li>&gt; Language (optional)</li> </ul>

# Medieval Celtic Studies

 (group 6 subject)

(continued)

## Why choose this subject?

- > A world-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 in recent years received several prestigious grants, including a European Research Council grant to support research in the area of Early Medieval Irish literature and language and 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, Irish language publishing and academic research.
- > There is also the option for further study and graduates can also take advanced degrees after the undergraduate programme.

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. 184

“ I studied for a Master's degree in the Early Irish Department. As part of the M.Litt. I had the opportunity to tutor and attend conferences, which helped develop the presentation skills involved in research. My work with the Office of Public Works in Dublin Castle has allowed me to use all the skills I acquired during my undergraduate and master's degrees.”

CAMILLA, GRADUATE



## Contact us

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

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🖱 [www.maynoothuniversity.ie/early-irish-sean-ghaeilge](http://www.maynoothuniversity.ie/early-irish-sean-ghaeilge)

🐦 @EarlyIrishMU

## You might also like

English p. 66

History p. 82

Nua-Ghaeilge p. 72



# Music (group 5 subject)

**Minimum entry requirements:** To study Music requires minimum Leaving Certificate H5 Music or equivalent. For full details about entry requirements see p. 44.

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 opposite). Alternatively, group piano tuition is an option open to all levels from absolute beginner to advanced. Where possible, the Department of Music arranges instrumental/vocal tuition on campus. Students can also choose to have instrumental/vocal tuition (funded to a maximum amount by the Department) at either TU Dublin or RIAM.

- > Exciting and varied programme of practical, compositional and academic work.
- > Students participate in ensembles such as the Chamber Choir, Sinfonia Project 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 'Popular Music Studies'.
- > For those considering teaching Music at second level, the Teaching Council requirements are met by studying Music in the MH101 degree.

## Course structure

1st year	2nd year	Final year
<b>BA Bachelor of Arts – Music – Double Major, Major/Minor or as a Minor</b> > 15 or 30 credits of Music > Plus choose 2 or 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)	> After 1st year you take Music as part of a Double Major, as a Major/Minor or as a Minor > Continue with 20, 30 or 40 credits of Music plus 1 of your 1st year subjects  <b>Erasmus/Study Abroad option after 2nd year</b>	> Optional 10 credit Elective in 2nd year (see p. 13 for details)  > 20, 30 or 40 credits of Music plus other subject

For MH101 subject groups table go to p. 47

## Possible topics

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

# Music (group 5 subject) (continued)



“ Through my Music course, I learned a lot about the historical aspects of music which has given me a better understanding of how ideas and techniques have developed. This has helped me in my performance of classical pieces. I also majored in performance, and learned a lot of valuable singing techniques, as well as developing my voice further. I learned new and interesting ways of composing music, and I hope to bring these skills with me throughout the course of my career.

I was involved in lots of Clubs and Societies, namely the Fencing Club, Dance Society, Music Society, MAD Society (Musical and Dramatics) and Disney Society. Being involved in the committees, particularly the MAD Society, and being involved in the production of our first full-scale musical has led to me founding my own musical theatre school with my family.

The unique thing about studying at Maynooth is the fact that, while it is a growing campus, it is still a very close-knit community. This makes the transition to college a lot easier, and it also means that you get to know a lot of different people from different parts of the college.”

**ORLAITH, GRADUATE**

## Why choose this subject?

- > Studying Music at Maynooth, Ireland's largest university music department, offers unparalleled choice and expertise, from performance to computer programming, from ancient traditions to contemporary experience, from high art to heavy metal.
- > 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 aspects 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
- > MSc in Sound and Music Computing

## Music is also available in

**MH103:** BMus Bachelor of Music p. 170

**MH109:** BA Media Studies p. 173

**MH502 LWD:** BCL (Law and Arts) p. 184

## Contact us

Maynooth University Department of Music, Logic House

+ 353 1 708 3733

music.department@mu.ie

www.maynoothuniversity.ie/music

@MaynoothMusic

@musicmaynooth

## You might also like

Computer Science p. 60

History p. 82

Music Technology p. 100

# Music Technology (group 4 subject)

Recommended minimum 03/H7 Leaving Certificate Mathematics. For full details about entry requirements see p. 44.

## A unique opportunity to combine Music Technology with subjects such as 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, Music Technology includes 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 and field recording resources.

### Course structure

1st year	2nd year and Final year		Erasmus/Study Abroad option after 2nd year
> Music Technology and up to 3 other subjects including Critical Skills – see p. 47 for compatible subjects - excluding subjects from group 4	> 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)	

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Acoustics and Psychoacoustics</li> <li>&gt; Digital Audio Workstations</li> <li>&gt; Listening Skills</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Music Software Programming</li> <li>&gt; Sound Design</li> <li>&gt; Studio Recording Techniques</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mixing</li> <li>&gt; Electroacoustic Composition</li> <li>&gt; Music Application Development</li> </ul>

# Music Technology (group 4 subject)

(continued)



Dr Gordon Delap, Associate Professor, Music Technology

### 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 and music journalism.

For graduates who wish to continue their studies, we currently offer the following postgraduate courses:

- > MA in Creative Music Technologies
- > MSc in Sound and Music Computing

### Contact us

Maynooth University Department of Music, Logic House  
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 ✉ music.department@mu.ie  
 🌐 www.maynoothuniversity.ie/music  
 🐦 @MaynoothMusic  
 📘 @musicmaynooth

### You might also like

Computer Science p. 60  
 Music as a subject in MH101 p. 98  
 Bachelor of Music MH103 p. 170



# Philosophy

 (group 1 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > '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, and there is no interest that cannot be combined with philosophy.
- > 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”. This is the case particularly in the world today, which is changing so rapidly that one needs a solid grounding in order not to get lost.

Course structure		
<b>1st year</b>	<b>2nd year and Final year</b>	
<b>BA Bachelor of Arts – Philosophy – Double Major, Major/Minor or as a Minor</b> Philosophy and 1 other subject to degree level. > Take 15 credits of Philosophy > Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)	> Continue with Philosophy as a Double Major, Major/Minor or as a Minor and 1 other 1st year subject > Optional 10 credit Elective in 2nd year (see p. 13 for details) <b>Erasmus/Study Abroad option after 2nd year</b>	
For MH101 subject groups table go to p. 47		
Possible topics		
<b>1st year</b>	<b>2nd year</b>	<b>Final year</b>
> Introduction to Philosophy: Twelve Philosophers > Topics in Ethics: Law, Morality, Punishment, and Rights	> Ancient Greek Philosophy > Women Philosophers > Logic > Philosophies of the Digital Age > Theories of Knowledge (Epistemology) > Moral Philosophy in a Globalized Society > Medieval Philosophy > Anthropological Concepts in Philosophy	> Phenomenology and Continental Philosophy > Towards a Philosophy of Toleration > Renaissance Philosophy > Rationalists and Empiricists > From Modernism to Postmodernism > Introduction to Life Philosophy > Hegel, Feuerbach, Marx and the Critique of Religion > Philosophy of Religion in the Modern Age > Topics in Analytic Philosophy

# Philosophy

 (group 1 subject)

(continued)



Gates to the South Campus

## 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.
- > 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). This degree pathway brings 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 prospective employees in a variety of fields. Philosophical reflection is needed in the computer industry, in economics, and in politics, to make sure they are based on solid humane foundations. But there is no reason why one couldn't be a philosophizing farmer either!

### Some of the postgraduate options we currently offer include:

- > MA in Philosophy
- > MA in Philosophy of Religion
- > MA in Ancient, Medieval and Renaissance Thought
- > MA in Philosophy, Politics and Economics

## Philosophy is also available in

**MH603:** BSc Computational Thinking p. 152

## 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

Greek and Roman Civilization p. 80  
 History p. 82  
 Psychological Studies p. 106  
 Sociology p. 108

## Politics (group 6 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > Politics has never been so important and at the same time so widely distrusted. In our Politics programme you will explore the ways that politics works and doesn't work, and how it shapes our lives for better and worse. We investigate the different forms that politics can take, how politics is organised in different countries, how politics is shaped by society and how it can chart new paths for societies. 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) across a wide range of countries and regions.
- > Politics students do a participant workshop 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 the Americas. You will also have an opportunity to carry out research into political life, developing analytical, communication and presentation skills.

### Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Politics – Double Major or as a Minor</b></p> <p>Politics and 1 other subject to degree level.</p> <ul style="list-style-type: none"> <li>&gt; Take 15 credits of Politics</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> <li>&gt; Taking Sociology in Group 5 with Politics provides a 30 credit Sociology-Politics double subject</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Politics as a Double Major or as a Minor and 1 other 1st year subject</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Political Institutions</li> <li>&gt; Introduction to Political Ideas</li> <li>&gt; Lectures are supplemented with a customised tutorial programme</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Democracy and Citizenship</li> <li>&gt; Research Methods</li> <li>&gt; Active Citizenship Workshop</li> <li>&gt; Society and State</li> <li>&gt; Optional modules include: Social Movements, Politics of the EU, Politics of the Americas, International Relations</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Irish Politics and Society</li> <li>&gt; Gender and Politics</li> <li>&gt; Ethnic Conflicts</li> <li>&gt; Revolutions</li> <li>&gt; Civil Society</li> <li>&gt; Final year students produce a BA research project. For examples please see our website</li> </ul>

## Politics (group 6 subject)

(continued)

### 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 degree subject requirement 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 Centre for the Study of Politics (CSOP) and the Maynooth University Centre for European and Eurasian Studies (MUCEES) are both important parts of the MU Politics programme.

### 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 Sociology (Societies in Transition)
- > MA in Sociology (Digital Societies)

### Politics is also available in

MH502 LWD: BCL (Law and Arts) p. 184



### Contact us

Centre for the Study of Politics, Maynooth University Department of Sociology, Auxilia Building

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@MU\_Politics

### You might also like

Economics p. 64

Law p. 86

Philosophy p. 102

Sociology p. 108



# Psychological Studies (group 6 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > 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 are eligible to apply for consideration for entry to a one-year master's postgraduate programme to achieve a professionally-accredited qualification in psychology (on a competitive basis - with limited numbers).

## 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 is 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.

## Course structure

1st year	2nd year and Final year
<p><b>BA Bachelor of Arts – Psychological Studies – Double Major</b></p> <p>Psychological Studies and 1 other subject to degree level.</p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Psychological Studies</li> <li>&gt; Choose up to 3 other subjects including Critical Skills from the groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Psychological Studies</li> <li>&gt; Continue with 1 other subject from 1st year as part of a Double Major degree. Does not lead to a Psychological Society of Ireland (PSI) accredited degree, and further study would be required to attain PSI accreditation. See <b>Options after graduation</b> section for more</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p> <ul style="list-style-type: none"> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul>

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Social Psychology, Cognitive Psychology and Individual Differences</li> <li>&gt; Research Foundations of Psychology, Biological and Developmental Psychology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Brain and Behaviour</li> <li>&gt; Cognitive Psychology</li> <li>&gt; Health Psychology</li> <li>&gt; Lifespan and Developmental Psychology</li> <li>&gt; Personality and Intelligence</li> <li>&gt; Comparative and Evolutionary Psychology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mental Health</li> <li>&gt; Social Psychology</li> <li>&gt; Psychology of Learning</li> <li>&gt; Criminal Psychology</li> <li>&gt; Neuropsychology</li> <li>&gt; Psychology of Language</li> <li>&gt; Psychological Research Methods</li> </ul>

# Psychological Studies (group 6 subject)

(continued)

## Options after graduation?

- > Psychological Studies graduates will be eligible to apply for consideration for entry to a one-year postgraduate programme to achieve a professionally-accredited qualification in Psychology. Entry to this programme is on a competitive basis.
- > You will have acquired a range of key transferable, analytical and critical skills that will equip you for many roles in many different types of workplaces.
- > You may wish also to pursue further postgraduate studies in cognate areas of social and behavioural sciences.

## Our research

- > Staff in the Department of Psychology at Maynooth University are highly research active, and enjoy state-of-the-art research facilities and technical support.
- > Research in the department applies cutting-edge psychological science to address four complementary overlapping themes:
  - Rehabilitation, disability and health psychology; Mental health, community and positive psychology; Neuroscience, behaviour and cognition; and Organisations, policy and systems.
  - Over the last decade, our team of academic staff have attracted several million euro worth of research funding and have published hundreds of scientific research papers in peer-reviewed journals, as well as authoring and contributing to numerous books across various research domains. Additionally, researchers in the Psychology Department are involved in numerous high quality international research collaborations with researchers across the globe as well as having formed several local research groups and units.

## Psychological Studies is also available in

MH502 LWD: BCL (Law and Arts) p. 184



## Contact us

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🐦 @MUpsychdept

## You might also like

BA Psychology MH106 p. 171

BSc Psychology MH209 p. 194

Criminology p. 62

# Sociology

 (group 5 subject)

For full details of MH101 minimum entry requirements see p. 44.

- > 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	2nd year and Final year
<p><b>BA Bachelor of Arts – Sociology – Double Major, Major/Minor or as a Minor</b></p> <p>Sociology and another subject to degree level.</p> <ul style="list-style-type: none"> <li>&gt; 15 credits of Sociology</li> <li>&gt; Choose up to 3 other subjects or Critical Skills from the 5 groups available (maximum 1 subject per group – see groups table p. 47). Taking Politics in group 6 with Sociology provides a 30 credit Sociology-Politics double subject</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Sociology is taken with 1 of your 1st year subjects as part of a Double Major, a Major/Minor or as a Minor</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>

For MH101 subject groups table go to p. 47

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Contemporary Irish Society</li> <li>&gt; The Sociological Imagination</li> <li>&gt; Lectures are supplemented with a customised tutorial programme</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Classical Social Theory</li> <li>&gt; Research Methods</li> <li>&gt; Structures of Inequality</li> <li>&gt; Optional modules include: Environmental Sociology, Media and Society, Social Worlds of Children, Northern Irish Society, Tourism, Social Movements</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Contemporary Social Theory</li> <li>&gt; Optional modules include: Technology and Culture, Family, Sex Law and Society, Race and Ethnicity, Crime and Society, Gender</li> <li>&gt; Final year students produce a BA research project - for samples please see our website</li> </ul>

# Sociology

 (group 5 subject)

(continued)

## Why choose this subject?

- > Our graduates often speak of studying Sociology as a “life changing” experience.
- > The Sociology Department is widely acknowledged as a leading national and international centre of teaching and research excellence, as well as an exemplar of public sociology and engagement. We seek to equip you with the necessary resources and skills – intellectual, methodological, communicative and active citizenship – to meet the challenges of our fast-changing contemporary society and to contribute productively to social transformation.
- > Taking Politics and/or Sociology to degree level meets the Teaching Council degree subject requirement to teach Politics and Society at second level following a Professional Master of Education (PME).
- > 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.

If you’re interested in further study, the Department of Sociology has a vibrant postgraduate community and currently offers a range of interesting programmes including:

- > MA Sociology (Digital Societies)
- > MA Sociology: Societies in Transition
- > MLitt./PhD

## Sociology is also available in

**MH107:** BSocSc in Social Science p. 172**MH109:** BA Media Studies p. 173**MH502 LWC:** BCL (Law and Criminology) p. 183**MH502 LWD:** BCL (Law and Arts) p. 184

## Contact us

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🐦 @MU\_Sociology

## You might also like

Anthropology p. 50

Community and Youth Work p. 174

Criminology p. 62

Politics p.104

Psychological Studies p. 106

Social Science p. 172



## Spanish (group 5 subject)

**Minimum entry requirements:** While there is no minimum entry requirement to study non-beginner Spanish, we generally recommend H4 Leaving Certificate Spanish.

**Beginners:** no minimum Spanish requirement. For full details about entry requirements see p. 44.

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 world 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 in areas such as Linguistics, Spanish Literature and Cinema, Latin American Literature and Cinema, Catalan and Portuguese.

### Course structure

1st year	2nd year and Final year	Erasmus/Study Abroad option after 2nd year
<p><b>BA Bachelor of Arts – Spanish – Double Major or as a Minor</b></p> <p>You will engage with a wide range of texts, learning to recognise and analyse key features.</p> <ul style="list-style-type: none"> <li>&gt; Either 15 credits of Spanish (if you studied Spanish in school to the recommended H4 Leaving Certificate or equivalent level) or 30 credits of Spanish (if you are a beginner)</li> <li>&gt; Non-beginners are strongly recommended to take Language and Culture as a subject in First Year and to select the modules on Spanish Language and Culture.</li> <li>&gt; Choose your other subjects from the 5 groups available (maximum 1 subject per group – see groups table p. 47)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Spanish as a Double Major or as a Minor</li> <li>&gt; Continue with 1 of your 1st year subjects</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> <li>&gt; Transfer option in 2nd year - into the Business and Languages degree MH409 - for students who have completed the first year of the BA degree (MH101) taking at least 15 credits of a Business subject and passing 30 credits of beginners/15 credits of non-beginner Spanish.</li> </ul>	<p>All students of Spanish &amp; Latin American Studies have the opportunity to spend the third year of their degree programme in a Spanish-speaking country. This might involve:</p> <ul style="list-style-type: none"> <li>&gt; Studying at a university in Spain (Erasmus programme)</li> <li>&gt; Assisting with English classes at a Spanish school (ELA programme - subject to availability)</li> <li>&gt; Erasmus internship/placement (subject to availability)</li> </ul> <p>Students who avail of the Year Abroad can have this year recognised as part of their studies and thus convert their degree programme into a 4-year BA International.</p>

For MH101 subject groups table go to p. 47

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Language from beginner or Leaving Certificate level (or equivalent)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Introduction to Spanish Literature</li> <li>&gt; Latin American Short Story</li> <li>&gt; Visual Worlds of Spain and Latin America</li> <li>&gt; Language modules</li> <li>&gt; Linguistics</li> <li>&gt; Catalan or Portuguese are also offered at beginner level</li> <li>&gt; Crossing Boundaries: Preparation for the Year Abroad</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Spanish Literature</li> <li>&gt; Latin American Literature</li> <li>&gt; Linguistics and Translation</li> <li>&gt; Students continue with their language modules</li> <li>&gt; Continuing Catalan or Portuguese are also offered</li> </ul>

## Spanish (group 5 subject)

(continued)

### Why choose this subject?

- > What distinguishes Spanish and Latin American Studies at Maynooth University is that we give students a thorough grounding in the language while introducing them to Spanish as a world language and cornerstone of many vibrant cultures.
- > 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 any of our past students who have spent a year abroad can attest. 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 requires 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. Students who successfully complete a year abroad as part of their programme are conferred with a 4-year BA International.

### 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.
- > Some of our students go on to pursue postgraduate research in Spanish and Latin American Studies. We offer a range of postgraduate programmes, and are happy to supervise postgraduate research in areas including Spanish Linguistics and Spanish and Latin American Literature and Culture.

### Spanish is also available in

**MH109:** BA Media Studies p. 173

**MH409:** BBA Business and Languages p. 138

**MH416:** BA International Economics p. 142

**MH502 LWD:** BCL (Law and Arts) p. 184



Barcelona

### Contact us

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### You might also like

Chinese Studies p. 58

French p. 70

German p. 78

Nua-Ghaeilge p. 72

# Statistics

 (group 6 subject)

Minimum entry requirements: recommended minimum O3/H7 Leaving Certificate Mathematics.  
For full details about entry requirements see p. 44.

- > 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	2nd year	3rd year
<p><b>BA Bachelor of Arts – Statistics Double Major or as a Minor</b></p> <p>&gt; 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)</p>	<p>&gt; 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)</p> <p>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</p> <p><b>Erasmus/Study Abroad option after 2nd year</b></p>	<p>&gt; 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).</p>

For MH101 subject groups table go to p. 47

## Possible topics

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

# Statistics

 (group 6 subject)

(continued)



## Options after graduation?

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

### Postgraduate study options at Maynooth currently include:

- > MSc (by research) or PhD in Statistics

## Contact us

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Logic House

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🖱 [www.maynoothuniversity.ie/mathematics-and-statistics](http://www.maynoothuniversity.ie/mathematics-and-statistics)

🐦 @MU\_MathsStats

"I work as a modelling analyst for one of Ireland's largest betting shop chains. 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, GRADUATE**

## You might also like

Computer Science p. 60

Data Science p. 192

Quantitative Finance p. 131





ITV television's Darragh Ennis studied General Science in Maynooth University after completing his Leaving Certificate in Holy Family Community School, Rathcoole, Dublin. Darragh graduated from Maynooth University with a BSc in Biology and continued on to complete a PhD in Ecology.

Darragh now works as Lab Manager/Postdoctoral Researcher at the University of Oxford and is a Chaser on ITV's The Chase. The diversity of opportunities that have arisen from choosing a science-based study and career path is something Darragh discussed in a MU webinar with school students earlier in 2022, when he highlighted the highs to the lows of life after the Leaving Certificate and how hard work and some luck can lead to a varied, interesting, and highly rewarding career.

**DR. DARRAGH ENNIS**  
BSC AND PHD

## THE MAYNOOTH BACHELOR OF SCIENCE DEGREE

Section  
**2**

**CAO Code: MH201 CAO Points 2022: 400**

### Subjects available in the BSc degree:

Biology	118
Chemistry	119
Computer Science	120
Data Science <sup>1</sup>	121
Engineering Science	122
Experimental Physics	123
Mathematical Physics	124
Mathematics	125
Statistics <sup>2</sup>	126

<sup>1</sup> In Year 1

<sup>2</sup> From Year 2

**AS A MAYNOOTH UNIVERSITY SCIENCE, COMPUTER SCIENCE OR ENGINEERING STUDENT, YOU WILL HAVE THE OPPORTUNITY TO DEVELOP STRONG PROBLEM-SOLVING AND ANALYTICAL SKILLS, AS WELL AS ADVANCED TEAMWORK, LEADERSHIP AND NUMERACY SKILLS – ALL OF WHICH ARE HIGHLY VALUED IN MANY SECTORS OF THE LABOUR MARKET.**

# MH201 Bachelor of Science Degree

CAO Code: **MH201** | CAO Points 2022: **400**

CAO Code: MH201

CAO Points 2022: 400

CAO Points Range 2021: 397-625

Places 2022: 250

Duration: 4 years

Erasmus/Study Abroad Option: Subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: No

Leaving Certificate Minimum Entry Requirements:

2H5 &amp; 4O6/H7, O6/H7 Irish, English &amp; a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics or Physics with Chemistry) &amp; O4/H7 Mathematics.

## The Faculty of Science and Engineering at Maynooth University is involved in many interesting and dynamic research areas including:

- The Department of Biology brings together groups of experts from various disciplines: Immunology, Evolution, Computational Biology and Genetics, Biochemistry and Environmental Biology.
- Research in the Department of Chemistry includes Organic, Pharmaceutical and Medicinal Chemistry, Biophysical Chemistry and Inorganic Chemistry.
- The Department of Computer Science has an active research programme in the Computer Vision Group, Computational Cognitive Modelling, Computer Science Education Research, Principles of Programming, Callan Institute, GeoComputation, Computational Information Theory Group and the Music Technology Research Group.
- The Department of Electronic Engineering is involved in research in Biomedical Engineering, Dynamics and Control, Robotics, Radio and Wireless Communications, and The Centre for Ocean Energy Research.
- Research in the Department of Experimental Physics is carried out in a variety of areas of experimental physics, astrophysics and astronomy, including Terahertz Space Optics Far Infrared Astronomy, Cosmology, Terahertz Computing, Star and Planet Formation Fluid Dynamics, Molecular Physics, Atmospheric Physics.
- The Department of Mathematics and Statistics has a strong research community involved in the research areas: Algebra and Number Theory, Geometric Analysis, Mathematics Education and Statistics.
- The Department of Psychology is a unique and dynamic environment for research including Rehabilitation, Disability & Health Psychology, Mental Health, Community & Positive Psychology, Neuroscience, Behaviour & Organisations, Systems and Policy.
- The Department of Theoretical Physics offers an open environment for research and lifelong learning topics in theoretical physics, including Topological Quantum Information Theory, Condensed Matter Physics and Topological Phases of Matter, Relativistic Quantum Field Theory, Quantum Gravity, General Relativity and Cosmology, History and Philosophy of Physics, Geometry and Algebraic Structures in Theoretical Physics, Nonlinear Dynamics, Chaos, Stochastic Processes and Universality.

## Structure of the Maynooth Bachelor of Science Degree

- > Four subjects in 1st year, one of which is Mathematics. Students choose their three other science subjects from the seven remaining subjects - listed on p. 117.
- > No decision about subject choice is necessary until four weeks after commencement of 1st year. This gives you a chance to sample various subjects and make an informed decision.
- > 2nd year - continuing with three of your 1st year subjects or take an Elective or Critical Skills (for more about Electives and Critical Skills see page 12).
- > 3rd year - continue with two subjects.
- > 4th year - continue with one or two subjects.

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

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

- > Immunologist
- > Meteorologist
- > Biomedical Engineer
- > Cosmologists
- > Genetic Specialist
- > Data Scientist
- > Science Educator
- > Global Health Specialist
- > Zoologist
- > Botanist
- > Chemist
- > Computer Scientist
- > Cryptographer
- > Statistician
- > Environmentalist
- > Astrophysicist
- > Physicist
- > Medical Physician
- > Mathematician

## You might also like

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



## Contact us

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admissions@mu.ie

www.mu.ie/level8

     @MaynoothCAO  on webchat  ask a student

# MH201 Bachelor of Science Degree

(continued)

## Course structure

1st year	2nd year	3rd year	Final year OR	Final year
<ul style="list-style-type: none"> <li>&gt; Mathematics (required in 1st year)</li> <li>&gt; Plus choose three subjects from:               <ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry</li> <li>&gt; Computer Science</li> <li>&gt; Data Science<sup>7</sup></li> <li>&gt; Engineering Science<sup>6</sup></li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematical Physics</li> </ul> </li> </ul>	Continue with 3 of the 4 subjects taken in 1st year <ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry</li> <li>&gt; Computer Science<sup>1</sup></li> <li>&gt; Engineering Science<sup>6</sup></li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematical Physics</li> <li>&gt; Mathematics</li> <li>&gt; Statistics<sup>4</sup></li> <li>&gt; Option to choose 10 credits of Critical Skills or 10 credits of Electives (see p. 12 for details)</li> </ul>	Continue with 2 of the 3 subjects taken in 2nd year <ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry<sup>3</sup></li> <li>&gt; Computer Science<sup>2</sup></li> <li>&gt; Engineering Science<sup>6</sup></li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematical Physics<sup>3</sup></li> <li>&gt; Mathematics (Applied)</li> <li>&gt; Mathematics (Pure)</li> <li>&gt; Statistics<sup>4, 5</sup></li> </ul>	Double Major: continue with your two subjects taken in third year <ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry<sup>3</sup></li> <li>&gt; Computer Science<sup>2</sup></li> <li>&gt; Engineering Science<sup>6</sup></li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematical Physics<sup>3</sup></li> <li>&gt; Mathematics (Applied)</li> <li>&gt; Mathematics (Pure)</li> <li>&gt; Statistics<sup>4, 5</sup></li> </ul>	Single Major: continue with one of the two subjects taken in third year <ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry<sup>3</sup></li> <li>&gt; Computer Science<sup>2</sup></li> <li>&gt; Engineering Science<sup>6</sup></li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematical Physics<sup>3</sup></li> <li>&gt; Mathematics (Applied)</li> <li>&gt; Mathematics (Pure)</li> </ul>

## The Maynooth Education

1st year	2nd year	Possible topics
Four weeks to decide on subject choice. During Orientation students will have the opportunity to learn about more about subject selection within MH201.	Option to choose 10 credits of Critical Skills or 10 credits of Electives (see p. 12 for details)	For module details see the subject pages

## Transfer opportunities into specialised degrees from MH201

1st year	2nd year transfer degree	Requirements for eligibility to transfer
MH201 BSc Bachelor of Science Degree	MH202 BSc Biotechnology	Students must take Biology, Chemistry and Maths plus 1 other available 1st year subject. Students must achieve an overall grade of 60%. Places are limited and are based on results.
	MH204 BSc Astrophysics (Year 3 Transfer only)	Students attaining 60% in Experimental Physics and 60% in either Mathematics or Mathematical Physics in 2nd year of MH201 may apply to transfer into 3rd year of MH204. Places are limited and are based on results.
	MH207 BSc Data Science	Students must take Computer Science/Mathematics/Data Science plus 1 other available 1st year subject. Students must pass the year and achieve an overall grade of 55% or greater in Mathematics in their 1st year science examination.
	MH208 BSc Biological and Biomedical Sciences	Students must take Biology, Mathematics plus 2 other available subjects. Transfer is based on Leaving Certificate performance and 1st year university results.
	MH210 BSc Pharmaceutical and Biomedical Chemistry	Students must take Mathematics, Biology, Chemistry plus 1 other available 1st year subject. Students must achieve an overall grade of 60%. Places are limited and are based on results.
	MH212 SED Science (with Education)	Students must take Mathematics, Biology, Chemistry and Experimental Physics. Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.
	MH212 MCS Computer Science and Mathematics (with Education)	Students must take Mathematics and Computer Science plus 2 available 1st year subjects. Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.
	MH212 MED Mathematics (with Education)	Students must take Mathematics, Mathematical Physics plus 2 other available 1st year subjects. Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.
	MH304 BE Electronic Engineering	Students must take Engineering Science, Mathematics, Computer Science plus 1 other available subject. Subject to attaining 50% or more in the 1st year science examination.
	MH602 BSc Computer Science & Software Engineering (through Science)	Students must take 22.5 credits of Computer Science, Mathematics plus one other available subject. There is no limit on places.
	MH602 BSc Multimedia, Mobile and Web Development (through Science)	Students must take 22.5 credits of Computer Science, Mathematics plus one other available subject. There is no limit on places.

<sup>1</sup> Students taking Computer Science in second year must also take Mathematics.

<sup>2</sup> Students intending to take Computer Science as a Single Major degree must take Mathematics (Pure) or Mathematics (Applied) in third year.

<sup>3</sup> Chemistry and Mathematical Physics cannot be taken together in third or fourth year.

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

<sup>5</sup> Students taking Statistics in second year must also take Mathematics. Statistics can be, but does not have to be, combined with Mathematics in third and

fourth year. Statistics may not be taken with Mathematical Physics in any year, or with Chemistry in third and fourth year.

<sup>6</sup> Engineering Science cannot be taken with Biology. Students taking Engineering Science must also take Computer Science. Students may take Computer Science and not take Engineering Science.

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



# Biology

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

**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. There are many “umbrella” fields of biology including:**

- > **Biochemistry:** the study of the constituents that make up living things
- > **Botany:** the study of plants
- > **Cellular biology:** the study of the cellular units of living things
- > **Ecology:** the study of how organisms interact with/in their environment
- > **Evolutionary biology:** the study of the origins and changes in the diversity of life over time
- > **Genetics:** the study of genetic inheritance
- > **Molecular biology:** the study of biological molecules
- > **Physiology:** the study of the functions of organisms and their parts
- > **Zoology:** the study of animals, including animal behaviour

Many of these fields overlap, for example, to study animals (zoology) it'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.

## Why choose this subject?

- > Our Biology Department is unique in the university system in Ireland as there are no sub-departments like Botany, Biochemistry, Genetics or Zoology. It means that most aspects of biology are taught alongside each other throughout the degree programmes. Over the years, undergraduate students are exposed to a wide range of biological disciplines.
- > We have international reputations in Biological Control, Bioinformatics, Immunology, Medical Mycology, Molecular Genetics and Plant Biotechnology.
- > Potential to move from MH201 into a related specialised degree after 1st year. See p. 117 for details.

## 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.

## We currently offer the following postgraduate courses:

- > MSc Biology (Research)
- > MSc Immunology and Global Health (Taught)
- > PhD Biology

## Maynooth Education

### Critical Skills | Electives option in 2nd year

See p. 12 for details

## Contact us

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🌐 www.maynoothuniversity.ie/biology

🐦 @MaynoothBiology

## Biology is also available in

- MH202: BSc Biotechnology p. 188
- MH203: BSc Biological & Geographical Sciences p. 189
- MH204: BSc Physics with Astrophysics p. 190
- MH208: BSc Biological and Biomedical Sciences p. 193
- MH210: BSc Pharmaceutical and Biomedical Chemistry p. 195
- MH212 SED: BSc Science (with Education) p. 196

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Mathematics</li> <li>&gt; 2 other Science subjects (Chemistry, Computer Science [15 or 30 credits], Data Science, Experimental Physics, Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Continue with 2 of your 1st year subjects</li> <li>&gt; Optional 10 credit Elective or Critical Skills available in second year (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Continue with 1 of your 2nd year subjects</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Biology may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year</li> </ul>

## Course topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Cells and organisms and how they function</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Biochemistry / Animal Physiology</li> <li>&gt; Evolutionary Biology / Molecular Biology of the Cell</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Immunology / Ecology / Microbiology / Plant Biology / Bioinformatics / Molecular Biology</li> </ul>	<ul style="list-style-type: none"> <li>Choose from an extensive range of topics such as</li> <li>&gt; Advanced Immunology / Behavioural Ecology / Neuromuscular Biology / Tumour Biology</li> <li>&gt; Environmental Field Studies / Antibiotics – discovery, modes of action and resistance</li> <li>&gt; Option of either a lab-based or literature-based research project</li> </ul>

# Chemistry

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- > **MH201 provides an excellent education in all the major branches of Chemistry, where topics ranging from fundamentals to the frontiers of modern Chemistry are covered.**
- > **In the early years, in addition to the core Chemistry modules, there is a flexible curriculum to suit personal interests, allowing courses and modules in other sciences, Critical Skills or Elective Streams to be combined with the core Chemistry content (Critical Skills/Electives option in 2nd year only).**
- > **There is scope for some specialisation, through appropriate choice of modules in the fourth year. In fourth year, you will also have the opportunity to undertake a Single Major or Double Major degree, as well as direct experience of research through an in-depth individual research project.**

## Why choose this subject?

- > If you are interested in specialising in Chemistry and/or would like the flexibility to experience our other sciences, Critical Skills and Electives courses, then the BSc is the best pathway to study Chemistry.
- > The Department of Chemistry at Maynooth University offers state-of-the-art facilities and high standards in both teaching and research, which ensures a highly supportive learning environment, as well as a personal supervisor to oversee an in-depth final year research project.
- > In addition to becoming an expert in chemical science, you will develop skills in problem-solving, critical thinking, communication, and scientific writing. These highly valued transferable skills will leave you well-prepared for a range of careers and employment opportunities in chemistry and non-chemistry disciplines.
- > Potential to move from MH201 into a related specialised degree after 1st year. See p. 117 for details.

## Options after graduation?

- > The pharma-chemical industry in Ireland employs more than 26,000 people directly and another 25,000 indirectly and produces 63bn 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.

## Maynooth Education

### Critical Skills | Electives option in 2nd year

See p. 12 for details

## Contact us

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## Chemistry is also available in

- MH202: BSc Biotechnology p. 188
- MH204: BSc Physics with Astrophysics p. 190
- MH208: BSc Biological and Biomedical Sciences p. 193
- MH210: BSc Pharmaceutical and Biomedical Chemistry p. 195
- MH212 SED: BSc Science (with Education) p. 196

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Chemistry</li> <li>&gt; Mathematics</li> <li>&gt; Choose 2 other Science subjects (Biology, Computer Science [15 or 30 credits], Data Science, Experimental Physics, Mathematical Physics. Chemistry may not be taken with Mathematical Physics or Statistics in 3rd or 4th year)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Chemistry plus 2 of your 1st year subjects</li> <li>&gt; Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Chemistry plus 1 of your 2nd year subjects</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Chemistry may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; An introduction to chemistry along with chemistry in solution, the periodic table, an introduction to reaction mechanisms and stoichiometry, and experimental/practical chemistry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Stereochemistry, synthesis, analytical chemistry, rates of reactions, metal based chemistry, and experimental/practical chemistry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Inorganic chemistry, metals and the periodic table, organic chemistry, amino acid and peptide chemistry, analytical chemistry and chromatography, electrochemistry, and experimental/practical chemistry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Advanced chemistry including bioinorganic chemistry, material science, organic chemistry, catalysis, physical chemistry, an in-depth research project and advanced laboratory experiments</li> </ul>

# Computer Science

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- **Computer Science at Maynooth University is the study of the principles and use 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 subject?

- Students enjoy the huge benefit of studying other science subjects with Computer Science in first year. This lends graduates a wider frame of reference. There is a wide variety of options after first year.
- The Department of Computer Science at Maynooth University was founded in 1987 and is located in the Eolas Building, a €20M state-of-the-art ICT hub, which opened in 2015. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.
- We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.
- Students who take 22.5 credits of Computer Science in first year, and pass first year, can transfer to MH602 CSS BSc in Computer Science & Software Engineering or MH602 MWS BSc Multimedia, Mobile & Web Development. See p. 117 for details.

## 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.
- Computer Science is a teaching subject at second level and therefore a career in education may also be possible following further postgraduate study.
- Postgraduate study options currently include: MSc Computer Science (Software Engineering) / MSc in Data Science Professional Master of Education (Second Level Teaching) / MSc Geocomputation / MSc or PhD Computer Science (by research).

## Maynooth Education

**Critical Skills | Electives option in 2nd year**  
See p. 12 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. 150

MH602 MWS: BSc Multimedia, Mobile and Web Development (through Science) p. 151

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Either 15 or 30 credits of Computer Science is taken with Mathematics</li> <li>➤ Plus choose 1 or 2 other Science subjects (Biology or Engineering Science, Chemistry, Data Science, Experimental Physics, Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Computer Science, Mathematics (Mathematics must be taken with Computer Science in 2nd year)</li> <li>➤ Continue with 1 of your other 1st year subjects</li> <li>➤ Optional 10 credit Elective or Critical Skills in 2nd year, (see p. 12 for details)</li> </ul> <p>Or you may transfer into the specialised degree MH602 if you have taken at least 22.5 credits of Computer Science, including the module CS172, in 1st year.</p>	<ul style="list-style-type: none"> <li>➤ Computer Science</li> <li>➤ Plus continue with 1 other subject from 2nd year</li> </ul>	<ul style="list-style-type: none"> <li>➤ Computer Science may be taken as a Single Major or as a Double Major with the other 3rd year subject</li> <li>➤ Students intending to take a Single Major degree must take Mathematics (Pure) or Mathematics (Applied) in 3rd year</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Introduction to programming, computer systems and computer science theory</li> </ul>	<ul style="list-style-type: none"> <li>➤ Algorithms &amp; Data Structures</li> <li>➤ Databases</li> <li>➤ Operating Systems</li> </ul>	<ul style="list-style-type: none"> <li>➤ Computer Architecture</li> <li>➤ Software Engineering</li> <li>➤ Introduction To UX, (UI) and Interaction Design</li> <li>➤ Networks</li> <li>➤ Web Information Processing</li> <li>➤ Computation &amp; Complexity</li> </ul>	<ul style="list-style-type: none"> <li>➤ Theory of Computation</li> <li>➤ Programming Language Semantics</li> <li>➤ Final Year Project</li> <li>➤ Choice of CS topics</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

# Data Science

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- **Data Science is the science of collating, managing, analysing, visualising and understanding data. It is key to unlocking the hidden wisdom that is stored in the vast amounts of data available in today's world.**
- **In MH201, students have the opportunity to study Data Science as a subject in year 1 of their degree. This year 1 subject will introduce students to the basics of how to manipulate, visualise and 'bring to life' large volumes of data. The hands on data experience that will be gained in year 1 Data Science will be invaluable to any scientist, whether they plan to pursue the life sciences (e.g. Biology), the physical sciences (e.g. Experimental Physics) or are more interested in the highly quantitative sciences (e.g. Statistics, Mathematics, Computer Science).**

## Why choose this subject?

- Data Science in year 1 is an excellent companion to all other year 1 science subjects\*. Why is this? Well, all scientists collect data – by taking Data Science in year 1, you will gain skills in how to make sense of this data, providing you with invaluable tools that will ultimately improve your employability as a scientist in your future career.

\* With the exception that Data Science cannot be combined with Mathematical Physics.

- Are you considering taking Statistics as a subject, which is available in MH201 from year 2, to degree level? If so, taking Data Science in year 1 is strongly recommended. Taking Data Science in year 1 will give you the chance to try out the practical side of analysing and visualising data, while taking Statistics from year 2 will give you a deeper understanding of modelling and analysis techniques.
- Are you choosing Computer Science in year 1 and considering taking it through to degree level? If so, Data Science in year 1 is highly complementary to year 1 Computer Science: these subjects will combine the hands on practical side of working with data that you will get in Data Science year 1 with the more rigorous programming and database skills that you will learn in Computer Science year 1.

## Maynooth Education

**Critical Skills | Electives option in 2nd year**  
See p. 12 for details

## Contact us

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## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ In the BSc programme, you take Mathematics and Data Science with two other subjects except Mathematical Physics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Data Science is a year 1 subject only, but in year 2 students can take Mathematics, either of their other year 1 subjects or Statistics (which begins as a subject in year 2). Students who enjoyed and excelled in Data Science in year 1 are recommended to take Statistics and Mathematics in year 2</li> </ul>	<ul style="list-style-type: none"> <li>➤ Statistics – see p. 126 for details and entry requirements – MH201 Statistics</li> <li>➤ Mathematics – see p. 125 for details – MH201 Mathematics</li> <li>➤ Optional 10 credit Elective or Critical Skills in 2nd year, (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Students who have taken Mathematics, Data Science and Computer Science in year 1 may be considered for transfer entry into year 2 of MH207 Data Science (subject to entry requirements) – see p. 192 MH207 Data Science</li> </ul>

## Sample MH201 subject choice pathways that include Data Science/Statistics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Mathematics, Data Science, Biology, Computer Science</li> <li>➤ Mathematics, Data Science, Experimental Physics, Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>➤ Mathematics, Statistics, Computer Science</li> <li>➤ Mathematics, Statistics, Biology</li> <li>➤ Mathematics, Computer Science, Experimental Physics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Statistics, Computer Science</li> <li>➤ Statistics, Biology</li> <li>➤ Statistics, Mathematics (Pure or Applied)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Statistics, Computer Science</li> <li>➤ Biology</li> <li>➤ Statistics, Mathematics (Pure or Applied)</li> </ul>

## Possible topics

1st year	2nd year
<ul style="list-style-type: none"> <li>➤ Introduction to Data Science 1</li> <li>➤ Introduction to Data Science 2</li> </ul>	<ul style="list-style-type: none"> <li>➤ Please see Statistics on p. 126 for possible follow on topics</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student



# Engineering Science

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- If you look at everyday electronic items and wonder “how does that work?”, then Engineering Science/Electronic Engineering is for you.
- If you look at those items and think “I can make this work better”, then electronic engineering is definitely worth considering as a career 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 MH304 BE Electronic Engineering degree, 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 subject?

- Through our research programmes, Electronic Engineering at Maynooth has developed world-class expertise in the area of mobile communications, biomedical diagnostics and technologies, and the intelligent control of large machines such as Robots or wave machines.
- Each of these areas is matched to rapidly growing industries and excellent job opportunities. By bringing this deep knowledge to all the undergraduate programmes, we provide our graduates with a world-class electronic engineering education but also a head start in these exciting and important areas.
- Potential to move from MH201 into a related specialised degree after 1st year. See p. 117 for details.

## 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 | Electives option in 2nd year  
See p. 12 for details

## Contact us

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## Engineering is also available in

MH304: BE Electronic Engineering p. 164  
MH306: BSc Robotics and Intelligent Devices p. 166

## Course structure

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>➤ Engineering Science is taken with Mathematics, Computer Science (15 or 30 credits) and 1 other Science subject from Chemistry, Data Science, Experimental Physics, Mathematical Physics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Students take Engineering Science, Mathematics and another subject.</li> <li>➤ Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>➤ You choose between Engineering Science as a (i) Single Major or (ii) Double Major degree</li> <li>➤ Available Science subjects in conjunction with Engineering Science: Mathematics, Chemistry, Computer Science, Experimental Physics, Mathematical Physics or Statistics</li> <li>➤ Students who attain 50% or better in their 1st sitting in their 1st year exams (taking Engineering Science, Mathematics and Computer Science) have the option of transferring to the second year of the BE Electronic Engineering degree</li> </ul>
	<b>3rd year</b> <ul style="list-style-type: none"> <li>➤ Continue with 2 of your science subjects</li> </ul>	

## Possible topics

1st year	3rd year	Final year Double Major	OR Final year Single Major
<ul style="list-style-type: none"> <li>➤ Electronic Engineering Fundamentals</li> <li>➤ Introduction to Systems &amp; Control</li> </ul>	<ul style="list-style-type: none"> <li>➤ Analogue Electronics</li> <li>➤ Signals &amp; Systems</li> <li>➤ Realtime and Embedded Systems</li> <li>➤ Object-Oriented Systems</li> <li>➤ System Dynamics</li> <li>➤ Analogue Electronics Project</li> </ul>	<ul style="list-style-type: none"> <li>➤ Analogue Electronics</li> <li>➤ Digital Signal Processing</li> <li>➤ Electromagnetic Fields and Machines</li> <li>➤ Control Systems</li> <li>➤ Engineering Design Project (10 credits)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Computation and Simulation</li> <li>➤ Digital Signal Processing</li> <li>➤ Electromagnetic Fields and Machines</li> <li>➤ Control Systems</li> <li>➤ Unconstrained Optimisation</li> <li>➤ Computer Control Systems</li> <li>➤ RF Circuits &amp; Systems</li> <li>➤ ASIC Design with Verilog</li> <li>➤ Final Year Project (20 credits)</li> </ul>
<b>2nd year</b> <ul style="list-style-type: none"> <li>➤ Introduction to Signal Processing</li> <li>➤ Computing for Engineers</li> <li>➤ Electric Circuits 1 &amp; 2</li> </ul>			

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# Experimental Physics

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- 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 subject?

- Maynooth University has a long tradition of excellence in Experimental Physics; the inventor of the induction coil, Nicholas Callan, was Professor of Experimental Physics here from 1826 to 1864.
- We offer a broad and exciting curriculum in a vibrant learning environment as part of our four-year degree programmes in Experimental Physics (BSc Single Major and Double Major) and a BSc in Physics with Astrophysics (MH204).
- 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.
- Potential to move from MH201 into a related specialised degree. See p. 117 for details.

## 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 | Electives option in 2nd year  
See p. 12 for details

## Contact us

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## Experimental Physics is also available in

MH204: BSc Physics with Astrophysics p. 190  
MH212 SED: BSc Science (with Education) p. 196

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Experimental Physics</li> <li>➤ Mathematics</li> <li>➤ Plus choose 2 other Science subjects (Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Data Science, Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Experimental Physics</li> <li>➤ Continue with 2 of your 1st year subjects</li> <li>➤ Optional 10 credit Elective or Critical Skills in 2nd year (see p.12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Experimental Physics</li> <li>➤ Continue with 1 of your 2nd year subjects</li> </ul>	<ul style="list-style-type: none"> <li>➤ Experimental Physics may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Introduction to Classical Physics: Mechanics, Physics of Heat, Electromagnetism and Optics</li> <li>➤ Introduction to Atomic, Molecular and Nuclear Physics</li> <li>➤ Introduction to Astrophysics: Solar System, Stars and Galaxies</li> </ul>	<ul style="list-style-type: none"> <li>➤ Electricity and Magnetism</li> <li>➤ Physical Optics and Lasers</li> <li>➤ Mechanics and Thermal Physics</li> <li>➤ Quantum Physics</li> <li>➤ Astronomy</li> </ul>	<ul style="list-style-type: none"> <li>➤ Celestial Mechanics and Relativity</li> <li>➤ Electronics</li> <li>➤ Quantum Mechanics</li> <li>➤ Applied Electromagnetics</li> <li>➤ Thermodynamics and Statistical Mechanics</li> <li>➤ Introduction to Computational Physics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Nuclear, Radiation and Particle Physics</li> <li>➤ Computational Optics</li> <li>➤ Electromagnetic Radiation</li> <li>➤ Physics of Atoms and Quanta</li> <li>➤ Solid State Physics</li> <li>➤ Device Physics</li> <li>➤ Individual Project</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# Mathematical Physics

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- > **Mathematical physics, or theoretical physics, is the study of the fundamental laws of nature that govern our existence; from the interactions of quarks and gluons through the properties of metals and the aerodynamics of flight, to the evolution of stars and galaxies.**
- > **Many of the technologies we now take for granted have their origins in fundamental physics research, including PET scanners, lasers, Wi-Fi and the world wide web.**
- > **Mathematical methods developed in mathematical physics have found their way to a wide range of applications, from financial markets and computer science to genetics and brain studies.**

## 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 and that excitement is reflected in the research projects which are pursued in the Department.
- > As well as being introduced to the major ideas and developments in theoretical physics and applied mathematics, you will be equipped with the tools to meet current and future developments in science, engineering, finance and other technologies of the future.
- > Potential to move from MH201 into a related specialised degree after 1st year. See p. 117 for details.

## 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 an MSc in Mathematical Science and our MSc in Theoretical Physics (Research).

## Maynooth Education

**Critical Skills | Electives option in 2nd year**

See p. 12 for details

## Contact us

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## Mathematical Physics is also available in

Mathematical Physics in the Bachelor of Arts degree - see section 1  
MH206: BSc Theoretical Physics and Mathematics p. 191  
MH212 MED: BSc Mathematics (with Education) p. 198

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Mathematical Physics</li> <li>&gt; Mathematics</li> <li>&gt; Choose 2 other Science subjects (Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Experimental Physics). Mathematical Physics cannot be taken with Chemistry in 3rd or 4th year</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematical Physics</li> <li>&gt; Choose 2 of your 1st year subjects</li> <li>&gt; Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematical Physics</li> <li>&gt; Choose 1 of your 2nd year subjects</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematical Physics may be taken as a Single Major or as a Double Major with the other subject taken in 3rd year</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Space-time</li> <li>&gt; Force</li> <li>&gt; Newton's laws</li> <li>&gt; Quantum physics</li> <li>&gt; Einstein's special theory of relativity</li> <li>&gt; Angular momentum</li> <li>&gt; Conservation laws</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Vector calculus</li> <li>&gt; Statistical and thermal physics</li> <li>&gt; Electricity and magnetism</li> <li>&gt; Vibrations and waves</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mechanics of Lagrange and Hamilton</li> <li>&gt; Quantum mechanics</li> <li>&gt; Special relativity</li> <li>&gt; Computational physics</li> <li>&gt; Ordinary differential equations</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Statistical mechanics</li> <li>&gt; Physical Cosmology</li> <li>&gt; Particle Physics</li> <li>&gt; General relativity</li> <li>&gt; Partial differential equations</li> <li>&gt; Fluid mechanics</li> <li>&gt; Quantum information processing</li> <li>&gt; Condensed matter theory</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# Mathematics

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- > **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.**
- > **In the four-year MH201 degree, you can take Mathematics as a subject in the first two years, and then choose between Mathematics (Applied) and Mathematics (Pure) at the beginning of year 3.**

## 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.
- > Potential to move from MH201 into a related specialised degree after 1st year. See p. 117 for details.

## 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/Higher Diploma in Data Analytics /MSc in Data Science & Analytics.

## Maynooth Education

**Critical Skills | Electives option in 2nd year**

See p. 12 for details

## Contact us

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Logic House  
☎ + 353 1 708 3914  
✉ mathsstats@mu.ie  
🌐 www.maynoothuniversity.ie/mathematics-and-statistics  
🐦 @MU\_MathsStats

## Mathematics (Pure) is also available in

The Bachelor of Arts degree - see section 1  
MH206: BSc Theoretical Physics and Mathematics p. 191

## Mathematics (Applied) is also available in

MH212 SED: BSc Science (with Education) or BSc Mathematics (with Education) - see section 9

## Mathematical Studies is available in

The Bachelor of Arts degree - see section 1

## Course structure

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Mathematics and 3 other Science subjects (choose from Biology or Engineering Science, Chemistry, Computer Science [15 or 30 credits], Data Science, Experimental Physics &amp; Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematics and 2 other subjects</li> <li>&gt; Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul> <p><b>3rd year</b></p> <ul style="list-style-type: none"> <li>&gt; Mathematics (Pure) or Mathematics (Applied) and 1 other subject studied in 2nd year</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Mathematics (Pure) or Mathematics (Applied) is taken as a Single Major or as a Double Major taking Mathematics (Pure) or Mathematics (Applied) and your 3rd year subject. Available Science subjects: Biology, Chemistry, Computer Science, Engineering Science, Experimental Physics, Mathematical Physics and Statistics as a Double Major in 3rd and 4th year.</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Calculus</li> <li>&gt; Linear Algebra</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Calculus</li> <li>&gt; Linear Algebra</li> <li>&gt; Statistics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; <b>Mathematics (Applied):</b> Differential Equations, Complex Analysis, Number Theory, Cryptography, Coding Theory, Operations Research</li> <li>&gt; <b>Mathematics (Pure):</b> Real Analysis, Complex Analysis, Metric Spaces, Group Theory, Rings and Fields</li> </ul>	<ul style="list-style-type: none"> <li>&gt; <b>Mathematics (Applied):</b> Graph Theory, Numerical Analysis, Geometry, Group Theory.</li> <li>&gt; <b>Mathematics (Pure):</b> Topology, Galois Theory, Number Theory, Differential Geometry.</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# Statistics

For an overview of the full BSc Bachelor of Science degree MH201 and minimum entry requirements see p. 116.

- **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 subject?

- We offer Statistics as a subject in years 2 to 4. Interested students are recommended to take Data Science as a subject in year 1. 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. Studying Statistics through to degree level, or for a portion of your degree, will strongly enhance your employability and skill-set as a scientist.

## Options after graduation?

- Critical thinking, an ability to analyse big data and being adaptable to various work environments are among the strong skills and traits of Statistics graduates.
- Graduates have a range of career options open to them, including employment in the civil service, industry and business, scientific research, medical research, environmental research, financial services and actuarial roles.
- Postgraduate study is also possible: we currently offer Master's or PhD in Statistics, Computing or Finance. We also offer a taught MSc Data Science programme.

## Maynooth Education

### Critical Skills | Electives option in 2nd year

See p. 12 for details

## Contact us

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🐦 @MU\_MathsStats

## You might also like

- MH101 Statistics in the Bachelor of Arts degree p. 112
- MH207 BSc Data Science p. 192
- MH402 BSc Quantitative Finance p. 131

## Course structure

1st year	2nd year	3rd year	Final year
<p>Statistics begins as a subject in year 2.</p> <p>In year 1 of the BSc Double Major programme, you take Mathematics with two or three other subjects. Students interested in Statistics from year 2 are strongly recommended to take Data Science as one of their subjects in year 1.</p>	<p>In the BSc Double Major programme, you take Statistics, Mathematics and one other subject.</p> <ul style="list-style-type: none"> <li>➤ Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul> <p>Statistics cannot be combined with Mathematical Physics in year 2.</p>	<p>Statistics is taken in 3rd year along with 1 of your 2nd year subjects; the second subject can be, but does not have to be, Mathematics (Applied or Pure). Statistics cannot be combined with Mathematical Physics or Chemistry in year 3.</p>	<p>Statistics is available as a Double Major. Statistics can be combined with all other subjects except Mathematical Physics or Chemistry in year 4.</p>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Introduction to Data Science 1 &amp; 2</li> </ul>	<ul style="list-style-type: none"> <li>➤ Data Analysis</li> <li>➤ R programming for Statistics and Data Science</li> <li>➤ Design and Analysis of Experiments</li> <li>➤ Nonparametric Statistics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Probability</li> <li>➤ Linear Models</li> <li>➤ Data Visualisation</li> <li>➤ Generalized Linear Models</li> <li>➤ Time Series</li> </ul>	<ul style="list-style-type: none"> <li>➤ Applications of Complex Models</li> <li>➤ Advanced R programming</li> <li>➤ Bayesian Data Analysis</li> <li>➤ Statistical Machine Learning</li> <li>➤ Statistical Inference</li> <li>➤ Capstone Project</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student



“ I started my journey at Maynooth University in 2017 when I began my undergraduate in General Science (MH201). I chose this course because it allowed me to experience different areas of science - I studied Physics, Maths, Biology and Chemistry in my 1st year.

Throughout my degree I found modules that I really enjoyed. When 4th year came I knew exactly what I wanted to do, and my career path was a lot clearer because I gave everything a chance. Now I am a 1st year PhD student in the area of Glycoscience, at the Chemistry Department in Maynooth University.

It has been a really interesting journey for me, and I know that the next four years will be challenging, however when you enjoy your work it doesn't feel like work (sometimes). I hope to go abroad for my research during my PhD, I am looking forward to attending more conferences all around the world and engaging with new people. I love the area I am in, research is a place where you make decisions about what you want to do and where you want to go. It provides a lot of travel opportunities as well.”

**ANDREEA CISLARU**  
PHD CANDIDATE GLYSCIENCE AT THE CHEMISTRY DEPARTMENT  
IN MAYNOOTH UNIVERSITY



“I studied Business and Management with a year of placement and this has given me great opportunities and valuable experiences. My course started off with broad modules and I was then able to choose specific modules and electives after first year. My teamwork and communication skills have been enhanced from the group assignments involved in the business modules.

For my year-long placement, the support from Maynooth helped me secure a Business Analyst role in Colgate-Palmolive. The Placement Office helped me improve my CV and provided guidance on interviews. The transferable skills and valuable experience I gained has helped me grow professionally and personally. It has been vital in getting me to where I am today as I was offered a graduate role at the end of my internship in Colgate and I am now currently in my second year of working with them!”

**KIARA DARZELLA** BBA BUSINESS AND MANAGEMENT  
GRADUATE (2021)  
BUSINESS ANALYST  
COLGATE-PALMOLIVE

**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

Section  
**3**

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

**THE COURSES OFFERED BY THE SCHOOL OF BUSINESS AND DEPARTMENT OF ECONOMICS ARE AMONG THE MOST POPULAR IN THE UNIVERSITY.**



# BA Finance

CAO Code: **MH401** | CAO Points 2022: **350**

CAO Code: MH401  
 CAO Points 2022: 350  
 CAO Points Range 2021: 370-601  
 Places 2022: 75  
 Duration: 3 years (4 years with placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 QQI Link: See p. 210  
 Placement Option: Yes\* (\*see Course Structure for details)

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

- > Potentially pursue a career in finance with this degree.
- > Learn how the financial system works – how assets are traded, international markets are linked, government policy decisions affect the economy and how financial markets respond.
- > Understand why currencies rise and fall, stock markets boom and bust, property values soar and crash and why interest rates fluctuate.

## Why choose this degree?

- > You're considering a career in financial management or banking.
- > You would like to have the option of studying another subject as a Minor.
- > You're interested in learning how to use analytical tools - including 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. Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

## Contact us

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 Find us on Facebook, Twitter, Instagram and LinkedIn

## You might also like

- MH101: Finance in the Bachelor of Arts degree p. 68
- MH402: BSc Quantitative Finance p. 131
- MH403: BA Accounting and Finance p. 132
- MH415: BSc Economics p. 141

## Course structure

1st year	2nd year and Final year
Finance and Economics are the major elements of your degree. Study of Finance begins in 2nd year as students first require an introduction to the principles of how markets work and how money and finance interact with the economy. <ul style="list-style-type: none"> <li>&gt; 15 credits of Economics, 7.5 credits of Accounting, 7.5 credits of Mathematics</li> <li>&gt; Option to take a further 7.5 credits of Mathematics</li> <li>&gt; Optional (but recommended) extra 7.5 credits of Accounting in the 2nd semester</li> <li>&gt; Choose 1 subject including Critical Skills from groups 1, 2 and 5 – maximum one per group (see p. 47 for subject groups)</li> </ul> <b>Maynooth Education</b> Critical Skills Option / Electives Option (see p. 12 for details)	<b>Students choose from these options (a) or (b):</b> <b>(a)</b> Choose between the Single Major and Major/Minor routes to degree level. <b>Single Major:</b> about 50% of modules are compulsory and are in Finance and the parts of Economics important to Finance. There are a lot of optional modules in Economics, and depending on your choices in the 2nd semester of 1st year you may take further modules in Financial Accounting and/or Mathematics. <b>Major/Minor:</b> approximately 33% of your time is spent with the Minor subject, and you take fewer modules in Finance and Economics, though the core modules are still compulsory. Minor subjects to choose from include Business, Computer Science, Criminology, Geography, German, History, Law, Mathematical Studies, Music, Philosophy, Sociology or Spanish. You must have completed 15 credits in the subject in 1st year to be eligible for the Major/Minor. BA Finance students may choose to take a year out between 2nd and final year either on placement or by studying abroad* (*you will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University's Placement Office will support you in the search for a placement job; however, the process is competitive). <b>(b)</b> Switch to the BA Accounting and Finance degree (MH403). MH401 is a sister degree to MH403 BA Accounting and Finance, with many modules in common. Side steps between the two degrees are allowed at the end of 1st year, depending on the 1st year optional modules chosen. Students can switch to MH403 Accounting and Finance degree at the end of first year provided 22.5 credits of Accounting are taken in 1st year and you attain 60% if you did not have the required CAO points for entry to MH403. Those who are reasonably certain they wish for a career in Accounting should consider MH403 or MH407 both of which maximise Accounting exemptions. However modules such as Money and Banking, and Financial Institutions are not available to specialist Accountants (MH403). Some exemptions are available to those who choose to study Financial Accounting in all three years through MH401.

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Economics, Macroeconomics, Mathematics and Accounting</li> <li>&gt; Optional 15 credit Critical Skills (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Corporate Finance, Financial Management, Econometrics, Financial Markets and Institutions, Money and Banking, Microeconomics, Macroeconomics, Financial Modelling</li> <li>&gt; Optional 10 credit Electives (see p. 13 for details).</li> </ul>	Investments, Derivative Securities, Ethics and Corporate Governance, Advanced Financial Modelling, Fixed Income Markets, Econometrics, International Finance, Irish Economy, Finance Thesis.

# BSc Quantitative Finance

CAO Code: **MH402** | CAO Points 2022: **477**

CAO Code: MH402  
 CAO Points 2022: 477  
 CAO Points Range 2021: 476-577  
 Places 2022: 20  
 Duration: 4 years

Erasmus/Study Abroad Option: No  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 QQI Link: No  
 Placement Option: Yes - subject to availability

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O1/H5 Mathematics

- > 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. 12 for details

## Options after graduation?

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. Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

## Contact us

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 Find us on Facebook, Twitter, Instagram and LinkedIn

## You might also like

- Finance MH401 p. 130
- Statistics in MH101 p. 112 or Statistics in MH201 p. 126
- Computer Science MH101 p. 60 or Computer Science MH601 p. 148 or MH602 p. 150
- MH415: BSc Economics p. 141

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Finance and Economics (15 credits)</li> <li>&gt; Computer Science (15 credits)</li> <li>&gt; Mathematics and Statistics (15 credits)</li> </ul> Plus another 15 credits from <ul style="list-style-type: none"> <li>&gt; Accounting</li> <li>&gt; Double Computer Science</li> <li>&gt; Choice of subject from Group 1, 2 or 6, except Mathematics (Pure) or</li> <li>&gt; Critical Skills</li> </ul> Students taking Accounting may transfer to MH401 Finance in second year, while students taking Computer Science may transfer to MH601 Computer Science and Software Engineering in second year.	<ul style="list-style-type: none"> <li>&gt; Finance and Economics (15 compulsory credits)</li> <li>&gt; Computer Science (20 compulsory credits)</li> <li>&gt; Mathematics and Statistics (15 compulsory credits)</li> </ul> Plus 10 optional credits from <ul style="list-style-type: none"> <li>&gt; Finance</li> <li>&gt; Economics or</li> <li>&gt; Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Finance and Economics (10 credits)</li> <li>&gt; Computer Science (10 credits)</li> <li>&gt; Mathematics (10 credits)</li> <li>&gt; Work Placement (subject to availability) or Research Project (30 credits)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Finance and Economics (10 compulsory credits)</li> <li>&gt; Computer Science (10 compulsory credits)</li> <li>&gt; Mathematics and Statistics (10 compulsory credits)</li> </ul> Plus 30 optional credits from <ul style="list-style-type: none"> <li>&gt; Finance</li> <li>&gt; Economics</li> <li>&gt; Computer Science</li> <li>&gt; Mathematics or</li> <li>&gt; Statistics</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Microeconomics, Macroeconomics and Finance</li> <li>&gt; Introduction to Computer Science</li> <li>&gt; Introduction to Statistics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Corporate Finance and Financial Modelling</li> <li>&gt; Databases and Operating Systems</li> <li>&gt; Calculus and Linear Algebra</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Investments</li> <li>&gt; Computer Networks</li> <li>&gt; Financial Mathematics</li> <li>&gt; Probability</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Derivative Securities</li> <li>&gt; Machine Learning and Neural Networks</li> <li>&gt; Bayesian Data Analysis</li> </ul>

# BA Accounting and Finance

CAO Code: **MH403** | CAO Points 2022: **400**

CAO Code: MH403  
 CAO Points 2022: 400  
 CAO Points Range 2021: 424-613  
 Places 2022: 90  
 Duration: 3 years (4 years with placement or Erasmus/Stuay Abroad)

Erasmus/Stuay Abroad Option: Yes  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 QOI Link: See p. 210  
 Placement Option: Yes\* (\*see Course Structure for details)

Leaving Certificate:  
 2H5 & 4O6/H7, Irish,  
 English & O4/H7  
 Mathematics

- > Embark on the route to become a professional accountant, which offers a rewarding career with international mobility and high earning potential
- > Become a highly sought-after graduate possessing the technical accounting, finance and transferable skills required of future business leaders
- > Engage with expert faculty, who foster an engaging, friendly, supportive and dynamic learning environment

## 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).
- > You will learn how to compile, analyse, interpret and communicate essential information about the operations of a business – whether that business be a small firm, a publicly traded corporation or an NGO (non-governmental organisation).
- > You will have the opportunity to pursue a four-year degree with a work placement in a leading accounting firm or study year abroad, thus combining what you learn in Maynooth University with insights into industry or another culture.

## Maynooth Education

### Critical Skills Option

See p. 12 for details

## Options after graduation?

While graduates are likely to be primarily focused on a professional accountancy qualification, the numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and the financial services sector generally, as well as financial research and teaching.

Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

### Contact us

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## You might also like

- MH101: Accounting in the Bachelor of Arts degree p. 48
- MH407: BBS Business and Accounting p. 137
- MH502 LWA: BCL Law and Accounting p. 143

## Course structure

	1st year	2nd and Final year
Accounting is the major element studied with Finance and Economics.	Students are introduced to the fundamentals of accounting and finance in year 1 with no prior knowledge required, as we teach accounting from first principles. Students develop key analytical, technical and numeracy skills which create a solid foundation to build upon in subsequent years.	In second and final year you will expand and deepen your knowledge of all areas of accounting and finance as well as gain an understanding of the financial environment in which businesses operate.  Optional work placement*  (*You will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University's Placement Office will support you in the search for a placement job; however, the process is competitive).

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Financial Accounting</li> <li>&gt; Fundamentals of Finance and Accounting</li> <li>&gt; Economics</li> <li>&gt; Mathematics</li> <li>&gt; Professional Development modules</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Financial Accounting</li> <li>&gt; Management and Cost Accounting</li> <li>&gt; Taxation</li> <li>&gt; Corporate Finance</li> <li>&gt; Economics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Advanced Financial Accounting</li> <li>&gt; Advanced Management Accounting</li> <li>&gt; Ethics and Corporate Governance</li> <li>&gt; Law</li> <li>&gt; Finance</li> </ul>

# BBS/BBA Business and Management

CAO Code: **MH404 BMA** | CAO Points 2022: **433**

CAO Code: MH404 BMA  
 CAO Points 2022: 433  
 CAO Points Range 2021: 441-613  
 Places 2022: 225 (MH404)  
 QOI Link: See p. 210

Duration: 3 years (4 years with optional placement or Erasmus/Stuay Abroad)  
 Erasmus/Stuay Abroad Option: Yes  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 Placement Option: Yes\* (see Course Structure for details)

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics  
 OPC: Open Choice Option  
 Up to 4 weeks to decide on MH404 degree stream

- > The BBS in Business and Management is the flagship undergraduate degree programme in the School of Business, offering comprehensive coverage of all major elements of business and our widest range of optional modules.
- > Management is the practical art, science, and craft of achieving change and getting things done through and with people. It is about coordinating the functions of a business to deliver value to clients and to capture sufficient returns for staff and owners.
- > Business and Management students will learn how, through business and management practices, they can make a positive difference in the lives of customers, employees, colleagues, organisations and the broader society.

## Why choose this degree?

- > Our faculty are a blend of international and local industry experts and academics, who bring profound insights into the practicality and complexity of Management.
- > Business and 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.
- > Our programme goals are that, on completion of the programme, students will be critical thinkers, experienced in working in groups, knowledgeable in key Business Management functions, and practised in skills for success.

## 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 and Management 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 continue their education with a specialist postgraduate degree. Careers in consulting, public service and not-for-profit organisations are also common.
- > The School of Business also offers a range of postgraduate programmes for Business and Management graduates.

## Maynooth Education

### Electives Option

See p. 13 for details

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## You might also like

- MH101: Business (International / Management / Marketing) in the Bachelor of Arts degree p. 52
- MH404 INB: BBS/BBA International Business p. 134
- MH404 MKT: BBS/BBA Marketing p. 135
- MH407: BBS/BBA Business and Accounting p. 137
- MH411: BBS/BBA Entrepreneurship p. 139
- MH502 LWB: BCL (Law and Business) p. 144

## Course structure

1st year	2nd year	Final year
The first year is about building the foundations of knowledge in business and management. The fundamentals of business and management are covered in modules, including Management, Marketing, Innovation, Professional Skills and Business Ethics. No prior studies in business/management are required.	The second year is about expanding your knowledge of the core disciplines and functions in business and management. Students take a combination of core and optional modules. Optional 10 credit 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. *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	The final year is about deepening your understanding of business in general, examining how functions and theories tie together at the strategic level. Students also have the opportunity to specialise through a choice of advanced optional modules.

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Accounting</li> <li>&gt; Introduction to Economics</li> <li>&gt; Business Models and Marketing</li> <li>&gt; Organisational Behaviour and Management</li> <li>&gt; Business Landscapes</li> <li>&gt; Managing Innovation</li> <li>&gt; Business Ethics</li> <li>&gt; Professional and Learning Skills</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Human Resource Management</li> <li>&gt; Operations and Supply Chain Management</li> <li>&gt; Management Information Systems</li> <li>&gt; Entrepreneurship</li> <li>&gt; Marketing Management</li> <li>&gt; International Business</li> <li>&gt; Accounting, Economics, and Finance</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Strategic Management</li> <li>&gt; Business Analytics, Business Intelligence, Information Technology for Business, and Social Media</li> <li>&gt; Change Management and Sustainability</li> <li>&gt; Managing Multinational Corporations and International Corporate Entrepreneurship</li> <li>&gt; Negotiation and Dispute Resolution</li> </ul>



# BBS/BBA International Business

## CAO Code: MH404 INB | CAO Points 2022: 433

CAO Code: MH404 INB

CAO Points 2022: 433

CAO Points Range 2021: 441-613

Places 2022: 225 (MH404)

QOI Link: See p. 210

Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

Placement Option: Yes\* (see Course Structure for details)

Leaving Certificate: 2H5 &amp; 4O6/H7,

Irish, English &amp; O4/H7 Mathematics

OPC: Open Choice Option

Up to 4 weeks to decide on MH404 degree stream

► If you are interested in business management that transcends national borders and in gaining deeper insights on how to conduct business 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, managing diverse teams within and across business units, and responding to a range of international customers as well as the social, economic, political, legal and technological changes.

► 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 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.

► To live and work effectively within the global economy, an understanding of the theory and practice of international business management is essential.

### Options after graduation?

► Business graduates are consistently among the most employable within the Irish education system. Today's business world transcends traditional borders and one of the most important things to understand is that business is conducted differently in different cultures. The broad range of business skills and topics studied in this degree can lead to just about any career.

► Building or running a business certainly takes some natural and/or learned (acquired) talent. We will build our graduates' talent. Understanding how international business works can take that talent to the next level. With business being ever more global, completing this degree could literally take you anywhere in the world!

► Graduates will be well suited to employment in the Irish operation of a major multinational, working with Irish companies who supply to international customers, helping organisations to internationalise and grow, managing a diverse workforce and supply chain operations. Opportunities will also be available at a policy level, working for national organisations to promote Ireland as a destination for inward investment, for internationalising Irish business and for multinational operations in other countries.

► Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

### Contact us

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### You might also like

MH101: Business (International / Management / Marketing) in the Bachelor of Arts degree p. 52. Chinese, French, German or Spanish may be studied with a Business subject in the MH101 degree.

MH404 BMA: BBS/BBA Business and Management p. 133

MH404 MKT: BBS/BBA Marketing p. 135

MH407 BBS/BBA Business and Accounting p. 137

MH409: BBA Business and Languages p. 138

MH411: BBS/BBA Entrepreneurship p. 139

MH502 LWB: BCL (Law and Business) p. 144

### Course structure

1st year	2nd year	Final year
Introduce you to and deepen your interest in contemporary organisations within an international context through/via the fundamentals of business including International Business, Management, Marketing, Innovation, Business Ethics amongst other business modules.	Concentrate on managing people and organisations when conducting business in international environments. In addition to core modules in International Business, a wide range of Business options will be available to you, including Marketing, Information Systems, and Operations Management. Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year. <b>Maynooth Education Electives Option</b> (see p. 13 for details) *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	Customise your degree. Study International Business topics including how multinational businesses operate at a strategic level. You will also have the opportunity to choose from a wide range of options.

### Possible topics

1st year	2nd year	Final year
Students will acquire foundational knowledge of how global businesses function and how marketing works in the international landscape. Students will be introduced to different approaches to management, organisational, innovation and ethical practices.	The topics in this intermediary year will further enhance students' understanding of how to manage an international business with emphasis on the internal and external environmental features, the principles of successfully running international operations, the theory, processes and practices of being creative and entrepreneurial. The students will also learn how to seamlessly manage the supply chain and how technology is being used to enhance management systems in organisations.	Students will be introduced to the critical aspects of managing businesses which operate across borders and will explore how creativity and innovation can be enabled and pursued internationally. They will learn to use the tools, concepts and theories of strategic management, and will become more competent in gaining insights from business analytics as well as managing social media and global supply chains.

# BBS/BBA Marketing

## CAO Code: MH404 MKT | CAO Points 2022: 433

CAO Code: MH404 MKT

CAO Points 2022: 433

CAO Points Range 2021: 441-613

Places 2022: 225 (MH404)

QOI Link: See p. 210

Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

Placement Option: Yes\* (see Course Structure for details)

Leaving Certificate: 2H5 &amp; 4O6/H7,

Irish, English &amp; O4/H7 Mathematics

OPC: Open Choice Option

Up to 4 weeks to decide on MH404 degree stream

► 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 to understand, where, when, and how to spend your marketing budget to greatest effect; how to plan market research, develop strategic marketing plans, and create persuasive communications, while considering the needs of a multicultural, international business environment; and how marketing interacts with the operations and strategy of a firm as a whole.

### 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 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.

► 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.

### Options after graduation?

► Business graduates are consistently among the most employable in the Irish education system. For example, marketing graduates can expect to take up roles in marketing, digital marketing, social media management, sales, and consulting in Irish or international organisations in different industries. In the public sector, there are roles in state agencies, voluntary organisations, the civil service, charities, NGOs, and others, for marketing graduates.

► In addition, as you study marketing, you will gain knowledge and skills that can help you in any business-related career because you will understand the view of the final customer.

► Many of our students have also gone on to further study in a MSc programme at Maynooth University.

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### You might also like

MH101: Business (International / Management / Marketing) in the Bachelor of Arts degree p. 52

MH404 BMA: BBS/BBA Business and Management p. 133

MH404 INB: BBS/BBA International Business p. 134

MH407: BBS/BBA Business and Accounting p. 137

MH409: BBA Business and Languages p. 138

MH411: BBS/BBA Entrepreneurship p. 139

MH502 LWB: BCL (Law and Business) p. 144

### Course structure

1st year	2nd year	Final year
Core marketing topics including Consumer Behaviour and Consumer Research and Marketing. In addition, you study other Business modules, including Introduction to Managing Innovation.	Master the management functions of Marketing through modules such as Brand Management, Marketing Management, Digital Marketing, and International Business. Optional 10 credit Electives (see p. 13 for details).	Some students may choose to complete a work placement or study abroad year between 2nd and final year and graduate after the 4th year. *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Consumer Research and Marketing</li> <li>&gt; Business Landscapes and Introduction to Managing Innovation</li> <li>&gt; Consumer Behaviour</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Marketing Management and Brand Management</li> <li>&gt; Integrated Marketing Communications and Digital Marketing</li> <li>&gt; International Business, Human Resource Management, and Introduction to Management Information Systems</li> </ul>	<p><b>Maynooth Education Electives Option</b> (see p. 13 for details)</p> <ul style="list-style-type: none"> <li>&gt; Contemporary Issues in Marketing and International Marketing</li> <li>&gt; Social Media and Business Analytics</li> <li>&gt; International Corporate Entrepreneurship and Global IT Business Intelligence</li> </ul>

# BBS/BBA Business and Global Cultures

CAO Code: **MH404 BGC/IGC/MGC** | CAO Points 2022: **433**

**CAO Code:** MH404 BGC/IGC/MGC  
**CAO Points 2022:** 433 (MH404)  
**CAO Points Range 2021:** 441-613 (MH404)  
**Places 2022:** 225 (MH404)  
**QOI Link:** See p. 210

**Duration:** 3 years (4 years with optional placement or Erasmus/Study Abroad)  
**Erasmus/Study Abroad Option:** Yes  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**Placement Option:** Yes\* (see Course Structure for details)

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH404 degree stream

- > If you are fascinated by business in the complex and diverse world around us, then this is the degree for you!
- > An essential challenge for businesses in Ireland is how they can connect the capabilities of our workforce to contribute to solutions for people who are largely in markets outside Ireland, across the EU and the wider global community. Business needs graduates who can both understand the fundamentals of how to create value for customers (which our business subjects provide) and how to translate them into solutions and services that fit the needs of diverse cultures.
- > Students on this degree can choose from one of three Business subjects (Management, Marketing or International Business) which they can combine with an array of Global Cultures modules, covering topics such as exploring cultures in global contexts, urbanisation, science and technology in society, security, crime and policing, and user experience and service innovation.
- > There is a possible transfer option to this degree in second year for students who have completed the first year of the Bachelor of Arts degree (MH101) taking Business and Anthropology.

## Why choose this degree?

- > Unique degree in Ireland enabling you to combine three business subjects with insights into how culture impacts on the choices people make and how they live.
- > Combine insights from Ireland's youngest and most dynamic School of Business and the Maynooth University Department of Anthropology - the only anthropology department in the Republic of Ireland.

- > Optional work placement/study abroad enable you to apply theory in practice, significantly improving employability upon graduation.
- > Our faculty are a blend of international and local industry experts and academics, who bring profound insights into the practicality and complexity of both Business and Global Cultures.
- > Highly employable skill set: recent employer surveys (AHECS 2020) found that business skills are the second highest in demand by employers, from the private and public sectors.

## Options after graduation?

- > A combination of excellent skills in both business and global cultures means that you are highly employable in all sectors of business and many international organisations. The 2020 Graduate Market Survey 2020 (AHECS) of employers in Ireland found that more employers were seeking business skills than any other graduate knowledge set, with the exception of engineering. Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the growth of businesses domestically and on the international stage.
- > This degree would qualify you for a wide range of postgraduate degrees that are offered by the School of Business in Maynooth and in the Department of Anthropology.

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## Course structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. You will also take 30 Global Cultures credits to develop inter-cultural skills through an understanding of human diversity and difference.	Second year is about learning the functional capabilities of your business subject, including some optional choices. You will also learn how to systematically observe, interpret and describe the world around you.	Work placement or study abroad in a European or International University*  (*You will have the option to add a year-long accredited placement in Ireland or abroad to your degree. The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by studying the transnational flows and mobilities of culture, ideas, media, technology, and finance, which impact on people's lives.

## Possible topics

1st year	2nd year	Final year
Your business topics will vary depending on your subject choice. In Marketing, for example, you will learn about consumer behaviour and market analysis. In Accounting you will learn the basics of financial accounting. In Management, you will learn about business models, and how to manage people, amongst others. Global Cultures modules will include an Introduction to Anthropology, as well as themes such as science, technology and society, material and digital worlds and magic and ritual.	Examples of business topics include management accounting, international management, human resource management, operations and supply chain management, and digital marketing, amongst others. Global Cultures will explore sustainability, anti-racism, global health, material culture, ethnographic research methods, and the security industry.	Examples of business topics include advanced management and cost accounting, strategic management, management information systems, innovation, and international marketing, amongst others. Options in Global Cultures involve user experience and service innovation, environmental and forensic anthropology, consumption and identity, globalisation, and visual communication.

# BBS/BBA Business and Accounting

CAO Code: **MH407** | CAO Points 2022: **402**

**CAO Code:** MH407  
**CAO Points 2022:** 402  
**CAO Points Range 2021:** 423-556  
**Places 2022:** 50  
**QOI Link:** See p. 210

**Duration:** 3 years (4 years with optional placement or Erasmus/Study Abroad)  
**Erasmus/Study Abroad Option:** Yes  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**Placement Option:** Yes\* (see Course Structure for details)

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

- > If you would like to pursue a career as a professional accountant and obtain a broader understanding of accounting's role in 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 to develop an excellent set of technical accounting skills, coupled with a thorough appreciation of the world of business and management.
- > Accounting is an important component that supports the implementation of a business strategy that creates and captures value for, and from, customers. The business element of the degree gives students an appreciation of the core functions of value creation.

## Why choose this degree?

- > This degree provides a foundation for entering the accounting profession and other areas of business. 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 (CAP 1 examinations from Chartered Accountants Ireland and equivalent examination papers from ACCA, CIMA and CPA professional accounting bodies).
- > If you complete the Master's 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 in university with insights into industry or another culture.

## Options after graduation?

While graduates are likely to be primarily focused on a professional accountancy qualification, this programme prepares students for a variety of careers in both the private and public sectors, and in many industries. Graduates have successful and rewarding careers in the accounting, banking and financial services sectors as well as financial research and teaching. Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

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## You might also like

- MH101: Accounting in the Bachelor of Arts degree p. 48
- MH101: Business (International / Management / Marketing) in the Bachelor of Arts p. 52
- MH403: BA Accounting and Finance p. 132
- MH404 BMA: BBS/BBA Business and Management p. 133
- MH404 INB: BBS/BBA International Business p. 134
- MH411: BBS/BBA Entrepreneurship p. 139

## Course structure

Accounting is taken jointly with Business for the three years of the programme. Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year. \*(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Financial Accounting</li> <li>&gt; Fundamentals of Finance and Accounting</li> <li>&gt; Economics</li> <li>&gt; Business Models and Marketing</li> <li>&gt; Professional and Learning Skills</li> <li>&gt; Organisational Behaviour and Management</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Financial Accounting</li> <li>&gt; Management and Cost Accounting</li> <li>&gt; Taxation</li> <li>&gt; Corporate Finance</li> <li>&gt; Operations and Supply Chain</li> <li>&gt; Management Information Systems</li> <li>&gt; Marketing Management</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Advanced Financial Accounting</li> <li>&gt; Advanced Management and Cost Accounting</li> <li>&gt; Law</li> <li>&gt; Finance</li> <li>&gt; Strategy Simulation</li> <li>&gt; Strategic Management</li> <li>&gt; Sustainable Business and Responsible Management</li> </ul>



# BBA Business and Languages

CAO Code: **MH409** | CAO Points 2022: **400**

<b>CAO Code:</b> MH409 <b>CAO Points 2022:</b> 400 <b>CAO Points Range 2021:</b> New degree <b>Places 2022:</b> 30 <b>QOI Link:</b> See p. 210	<b>Duration:</b> 4 years with placement or Erasmus/Study Abroad <b>Erasmus/Study Abroad Option:</b> Yes <b>Mature Applicants:</b> See p. 208 <b>UK, EU &amp; International Applicants:</b> See p. 214 <b>Placement Option:</b> Yes* (see Course Structure for details)	<b>Leaving Certificate:</b> 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics. Non-beginner French, German, Spanish: Leaving Cert H4 recommended. Beginner Chinese, French, German, Spanish: no previous study required.
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➤ **MH409 provides students with the widest choice of business and languages of any university degree in Ireland. You choose one business subject (Accounting\*, Business Management, International Business or Marketing) and one language (Chinese, French, German or Spanish). You do not need to have studied either business or your chosen language for the Leaving Certificate to take this degree.**

➤ **In your third year, you will have an opportunity to undertake either study abroad or an international internship (subject to availability), which will allow you to apply what you have learned. People with both business and language capabilities are in short supply, yet most businesses work with international customers or suppliers, making you highly employable!**

➤ **If you already know which business subject and language you want to take for your degree, then you can choose to focus on these from the beginning. If you are unsure and would like to try out a couple of options before you commit, then you can switch between your business and language subjects in the first four weeks of semester one. This enables you to find the subjects that best match your interests and aptitude.**

➤ **There is a possible transfer option to this degree in second year for students who have completed the first year of the BA degree (MH101) taking business and the relevant language.**

## Why choose this degree?

➤ Wide variety of options: Maynooth University offers more subject combinations than any other business degree in Ireland, enabling you to combine four different business subjects with four different world languages.

➤ Accredited year abroad: The opportunity to study or work abroad as an integral part of your degree which gives you a chance to put your learning into practice and significantly improves your employability upon graduation.

➤ Employability:

- Graduates with an in-depth knowledge of business and strong language skills are in high demand on the jobs market.

- Employees that have both a deep insight into how to create value for businesses (through Accounting, Marketing, Management or International Business skills) and can apply these skills across both English and a modern language are rare and valuable. Most businesses in Ireland and Europe trade internationally across languages and so these skills are highly sought after.

➤ No compromise: You get to choose the language you love and your business career choices.

## Options after graduation?

A combination of excellent skills in both business and a foreign language means that you are highly employable in all business sectors and in many international organisations. The 2020 Graduate Market Survey (AHECS) of employers in Ireland found that more employers were seeking business skills than any other graduate knowledge set, with the exception of engineering. Graduates are very well placed to join large multinational employers in their graduate programmes. You will also be an asset to a small or medium-sized organisation, where you will be able to contribute to the growth of the business both domestically and on the international stage. Your language skills mean that you will be able to work as a bridge between the English-speaking world and the cultures of your chosen language, whether that's in an export-orientated firm in Ireland or for a company anywhere in the world.

➤ Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

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\* Please note that Accounting can only be combined with German or Spanish. All other business subjects can be combined with any of the four languages.

## Course structure

1st year	2nd year	3rd year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. Beginner (30 credits) and non-beginner (15 credits) options are available in French, German, and Spanish. Chinese is currently only available at beginner's level (30 credits). There is a 15 credit Language and Culture module available for non-beginner language students. You have the option of taking one or two non-beginner (post Leaving Certificate H4 or higher) or one beginner language in 1st year.	For business, second year is about learning the functional capabilities of your subject, including some optional choices. As a language student, you will have a twin focus on language and culture. Your language skills will continue to be developed through small-group teaching, and you will be able to choose from a wide range of different options to hone your intercultural awareness.	You will choose either Erasmus/study abroad in one of our partner universities or undertake an international internship (subject to availability). Study abroad will offer you the opportunity to develop your language and cultural skills. You will have an opportunity to strengthen your language skills by living and studying through the target language, and you'll also be able to take modules in other language, cultural, business or alternative subjects. If you prefer to undertake an international internship, we can support you to have this accredited as part of your degree programme also. Students may also qualify for funding through the Erasmus+ internship programme. *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	In your business subject, this is the year in which you will develop your understanding of the strategic aspects of running a business, as well as advanced skills in your chosen subject, including a range of optional and core modules. In your language, you will build on your experience abroad to develop a high degree of fluency and accuracy, and you will continue to develop your creative, analytical, and critical thinking through engaging with cultural studies.

## Possible topics

1st year	2nd year	Final year
Your business topics will vary depending on your subject choice. In Marketing, for example, you will learn about consumer behaviour and market analysis. In Accounting, you will learn the basics of financial accounting. In Management, you will learn about business models, and how to manage people, amongst others.	Examples of business topics include management accounting, international management, human resource management, operations and supply chain management, and digital marketing, amongst others. In your language, you will be able to choose from a range of modules, including linguistics and language studies, film and literary studies, and language for business.	Examples of business topics include advanced management and cost accounting, strategic management, management information systems, innovation, and international marketing, amongst others. In your language, you will be able to choose from a range of modules, including advanced linguistics, film studies, politics and the media, literary analysis and translation.

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

# BBS/BBA Entrepreneurship

CAO Code: **MH411** | CAO Points 2022: **368**

<b>CAO Code:</b> MH411 <b>CAO Points 2022:</b> 368 <b>CAO Points Range 2021:</b> 378-590 <b>Places 2022:</b> 30 <b>QOI Link:</b> See p. 210	<b>Duration:</b> 3 years (4 years with optional placement or Erasmus/Study Abroad) <b>Erasmus/Study Abroad Option:</b> Yes <b>Mature Applicants:</b> See p. 208 <b>UK, EU &amp; International Applicants:</b> See p. 214 <b>Placement Option:</b> Yes* (see Course Structure for details)	<b>Leaving Certificate:</b> 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics
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➤ **This is a programme of study that supports and develops your entrepreneurial learning and equips you with the skills and knowledge to work in the general business world or set up your own business.**

➤ **You will learn the process in which entrepreneurs generate ideas for new businesses and existing businesses shape them into opportunities supported by business models and frameworks.**

➤ **This degree enables you to develop relevant skills in creative problem solving, diagnostics, communications, and project management. This will give you functional and strategic capabilities that contribute to business success.**

## Why choose this degree?

➤ Our degree provides students with valuable insights into business and entrepreneurship through an engaged local and international faculty who have a wealth of experience from industry engagement and academia.

➤ The learning experience of this programme is designed to be formative, creative and dynamic, providing students with both in-class and industry engagement and learning.

➤ Entrepreneurship students at Maynooth are offered insights into all of the major functions of business, as well as the opportunity to undertake specialist options in the subjects that you most enjoy and that you feel support your development as an entrepreneur.

➤ Entrepreneurship students also have the option of taking a four year degree which includes a work placement or study year abroad \*(the University's Placement Office will support you in the search for a placement job; however, the process is competitive). This offers our students an opportunity to gain experience in industry and/or learning within another culture.

➤ Our degree also offers students a fantastic opportunity to build their business network through academic engagement as well as through extra-curricular engagements in our thriving societies such as the Maynooth University Entrepreneurial Society, ENACTUS and the Business Society.

## Maynooth Education

**Electives Option**

**See p. 13 for details**

## Options after graduation?

➤ Business graduates are consistently among the most employable in the Irish education system. Entrepreneurship students have a wide variety of career choices available.

➤ You can work within a business or start up your own business building upon your own entrepreneurial ideas that have been developed and supported throughout the duration of your undergraduate degree programme.

➤ You can enter business, public or third sector jobs. Careers in consulting, research and design, public service and not-for-profit organisations are also common.

➤ Entrepreneurship is also global in nature so your opportunity to stay local or to work abroad is also an option.

➤ Many of our graduates choose to specialise further with a postgraduate degree. The School of Business offers a range of postgraduate programmes for Business students.

## Contact us

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👉 [www.maynoothuniversity.ie/business](http://www.maynoothuniversity.ie/business)

Find us on Facebook, Twitter, Instagram and LinkedIn

## You might also like

MH101: Business (International / Management / Marketing) in the Bachelor of Arts p. 52

MH305: BSc Product Design and Innovation p. 175

MH403: BA Accounting and Finance p. 132

MH404 BMA: BBS/BBA Business and Management p. 133

MH404 INB: BBS/BBA International Business p. 134

MH407: BBS/BBA Business and Accounting p. 137

## Course structure

1st year	2nd year	Final year
➤ Focus on the core processes of innovation set within the context of large to small firms.	➤ Focus on the functions of Business and Entrepreneurship ➤ Optional 10 credit Electives (see p. 13 for details) *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	➤ Focus on strategy development and scaling of small businesses to international corporations ➤ Consideration of both local and international environments

## Possible topics

1st year	2nd year	Final year
➤ Managing Innovation ➤ Business Models & Marketing ➤ Accounting ➤ SME Entrepreneurship	➤ Entrepreneurship Theory & Process ➤ Managing Intellectual Property ➤ Marketing Management ➤ International Business	➤ Social Entrepreneurship ➤ International Corporate Entrepreneurship ➤ Sustainable Business & Responsible Management ➤ Innovation Management: Tools & Concepts

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

# BSc/BBA Business with Sport Science

CAO Code: **MH412** | CAO Points 2022: **New degree in 2023**

CAO Code: MH412

CAO Points 2022: New degree

CAO Points Range 2021: New degree

Places: 35

QOI Link: See p. 210

Duration: 3 years (4 years with optional placement or Erasmus/Stuay Abroad)

Erasmus/Stuay Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

Placement Option: Yes\* (see Course Structure for details)

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English &amp; O4/H7 Mathematics

> This programme is for students who have a desire to work in the growing and diverse range of businesses in the area of sports, exercise and well-being.

> The sports, exercise and well-being sector is one of the largest service industries in Ireland and globally. Ranging from small to large enterprises, many are run by sports-professionals. These businesses need graduates who can both understand the science and practicalities of the sports and exercise sector, and the fundamentals of how to create value and make a profit - via services and solutions that meet a variety of customers.

> MH412 provides students with the unique option of combining one business subject (Accounting, Business Management, International Business or Marketing), with sports related content - from practical exercise skills to the science behind human performance and wellbeing.

> In your third year, you will have an opportunity to undertake a work placement (subject to availability) which will allow you to apply what you have learned. Given the diversity of businesses in this sector, many run by those without formal business training, people with both business and sports-science knowledge is highly attractive with many opportunities.

## Why choose this degree?

> Unique offering: Maynooth University offers the only programme that allows you to combine a full business degree, with four business subject options, with sports-science.

> Accredited work placement: The opportunity to undertake a full-year work placement (subject to availability), in Ireland or abroad, as an integral part of your degree which gives you a chance to put your learning into practice and significantly improves your employability upon graduation.

> Employability:

> This is a rapidly growing sector, with a deep demand for graduates that bridge the fields of business and sports.

> Employees that have both a deep insight into how to create value for businesses (through Accounting, Marketing, Management or International Business skills) and the science of sports exercise.

> Follow your passion: Many enjoy sporting activities but sports and exercise are well known to have mental and physiological benefits. In combination with the business modules, this programme will allow you to understand how sports and exercise can impact on your health, allowing you to explore how this can be translated to new services and solutions.

## Options after graduation?

> The 2020 Graduate Market Survey 2020 (AHECS) of employers in Ireland found that more employers were seeking business skills than any other graduate knowledge set, with the exception of engineering. Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the businesses, domestically and globally.

> The addition of sports science will allow graduates to access opportunities in the sports and exercise market. That could be from small local enterprises to large companies that operate sporting enterprises or that supply services to the sports, exercise and health sectors.

> Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

## Contact us

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Find us on Facebook, Twitter, Instagram and LinkedIn

## Course structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. You will also take 15 credits of the sports science programme, and 15 credits of another first year subject (Groups 1, 3 or 4)	For business, second year is about learning the functional capabilities of your subject, including some optional choices. In addition you will take 20 credits of sports science modules.	Paid work placement or study abroad in a European or international university (subject to availability). *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by 20 credits of content from sports-science

## Possible topics

1st year	2nd year	Final year
Your business topics will vary depending on your subject choice. In Marketing, for example, you will learn about consumer behaviour and market analysis. In Accounting, you will learn the basics of financial accounting. In Management, you will learn about business models, and how to manage people, amongst others. In sports science, you will take modules on human performance, physiology and anatomy.	Examples of business topics include management accounting, international management, human resource management, operations and supply chain management, and digital marketing, amongst others. In your Sports Science modules, you will explore deeper into topics of human performance, social impact of sports, and biomechanics and exercise injuries.	Examples of business topics include advanced management and cost accounting, strategic management, management information systems, innovation, and international marketing, amongst others. In the sports science content, there will be a range of specialist modules, for example nutrition, heart and lung physiology and exercise for rehabilitation and healthy aging.

# BSc Economics

CAO Code: **MH415** | CAO Points 2022: **475**

CAO Code: MH415

CAO Points 2022: 475

CAO Points Range 2021: New degree

Places 2022: 15

Duration: 3 years

Erasmus/Stuay Abroad Option: Yes - subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QOI Link: No

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English &amp; O1/H5 Mathematics

You do NOT need have taken Leaving Certificate

Economics to study MH415.

> Are you an analytical person with a passion to tackle pressing socioeconomic challenges such as poverty, unemployment, financial instability, gender and racial inequality and the effects of climate change?

> As a BSc Economics student, you will learn to take a scientific evidence-based approach to understand, critique and create policies to combat economic and social problems.

> Employers in all sectors from government to financial services have a growing need for economists who can analyse and interpret data. This requires a strong grounding in analytical and quantitative methods beyond the Economics core in the Maynooth Bachelor of Arts programme (MH101).

> With an emphasis on independent research, the programme is designed to allow you to flourish based on your individual curiosity and strengths.

> From BSc Economics, you can automatically continue with the MSc Economics Programme should you perform at the required level - 55% overall in your degree.

## Why choose this degree?

> From day one, you will have an academic advisor to guide you throughout your studies to help reach your potential.

> From the very first year you learn how to do independent research, not just consume knowledge created by others. You will be able to take modules from a variety of disciplines such as Sociology, Geography, Law and Statistics. This allows you to develop synergies in your own research.

> You will have the guidance of our postgraduate alumni mentors who hold influential positions outside of academia.

> In the third year, you will be given guidance for your BSc thesis, jointly with the MSc students, on research and presentation skills. This will allow a smooth transition to the postgraduate level.

## Options after graduation?

> As a BSc Economics graduate, you will have the tools to become a key player in business and in public policy. You will have wide career choices as a consultant, fund manager, investment banker, urban planner, journalist, teacher, policy maker as well as many other areas.

> Upon graduation, you will have the option of progressing to the MSc Economics at Maynooth. This will provide further job opportunities for professional economists including, but not limited to, economics consultancy firms, policy institutes, the Central Bank, and the Department of Finance.

> As well as offering an integrated route into our MSc Economics, the programme provides strong foundations should you choose to pursue a master's in a variety of areas such as finance, business, international development, public policy, public administration and data science.

> According to statistics reported by Forbes, on average economics degree holders are very well paid compared to nearly every other field. PayScale documents substantial wage growth over the first ten years of work life, almost doubling the entry pay level.

## Contact us

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## You might also like

MH416 BA International Economics p. 142

MH101: Economics in the Bachelor of Arts degree p. 64

## Course structure

1st year	2nd year	3rd year
Microeconomics, Macroeconomics, Information Economics, Econometrics I (Statistics for Economists). In addition, you will take a research skills module titled 'Exploring Economics'.	Intermediate Microeconomics and Macroeconomics, Econometrics II, History of Economic Thought, Statistical Computing with R, Corporate Finance, Advanced Quantitative Methods. In addition, you will earn credits for the 'BSc Team Project'.	Advanced Microeconomics (Game Theory) and Macroeconomics, Applied Econometrics. And you will undertake the year-long BSc Economics Thesis.

## Possible optional modules

1st year	2nd year & 3rd year
You will take two 15-credit subjects (typically two modules in each subject) outside of Economics - at most one from each group. The available groups to choose your two subjects from are groups 1, 3 (excluding Maths Studies) or 5. Critical Skills is also an option. At the end of first year, should you change your mind and find your calling in one of the fields listed above, you can switch to MH101 BA Arts without any credit deficit and keep Economics as a major/minor subject.	In the second and third year combined, you will take eight to eleven optional Economics modules: Money and Banking, Environmental Economics, Public Economics, Economics of Crime, International Macroeconomics, International Trade, Economics of Sports, Health Economics, Economics of the EU, Competition and Regulation, Economics of Work and Life Decisions. You can take up to three optional modules outside of Economics from a wide selection of disciplines. The list of modules includes but is not limited to Developmental Geography, Geographic Information Systems (GIS) and Science, Introduction to Life Philosophy, Anti-racism, Regional Planning and Development, Irish Politics & Society, Fixed Income Markets, Experimental and Computational Mathematics.



# BA International Economics (NEW)

CAO Code: **MH416** | CAO Points 2022: **New degree**

CAO Code: MH416

CAO Points 2022: New degree

CAO Points Range 2021:

New degree

Places 2022: New degree

Duration: 3 years (4 years with optional placement or Erasmus/ Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: Yes (subject to availability)

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English &amp; O4/H7

Mathematics. Non-beginner French, German, Spanish: Leaving Cert H4 recommended. Beginner Chinese, French, German, Spanish: no previous study required

- > **Study Finance, Economics, Mathematics and a choice of languages or Computer Science. Languages available: Chinese, French, German and Spanish are available to complete beginners. Leaving Certificate H4 recommended to study non-beginner level French, German, Spanish.**
- > **Either work or study abroad in 3rd year (or work in an internationally orientated company in Ireland – all subject to availability). You may study abroad in the 1st semester, and work in the 2nd.**
- > **Learn how the financial system works – how assets are traded, international markets are linked, government policy decisions affect the economy and how financial markets respond.**

## Why choose this degree?

- > Be prepared both intellectually and practically for employment in the highly competitive and dynamic world of international finance.
- > Use analytical tools – including mathematics, deductive logic and applied statistics – to examine problems and devise logical solutions.
- > This degree is not suitable for those mostly interested in the accounting side of finance (though all students are recommended to take one module in Accounting).

## Maynooth Education

Critical Skills Option | Electives Option

See p. 12 for details

## 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. Many of our students continue to further postgraduate study in a very wide range of Business subjects at Maynooth University.

## Contact us

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## You might also like

MH415: BSc Economics p. 141

MH101: Economics in the Bachelor of Arts degree p. 64

MH409: BBA Business and Languages p. 138

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; 15 credits of Economics</li> <li>&gt; 7.5 credits of Mathematics (taking an extra 7.5 credits of Mathematics in 2nd semester is recommended)</li> <li>&gt; Students also take 1 subject from Chinese*, French*, German*, Spanish* or Computer Science and 1 other subject from groups 1, 2 or 5 including Critical Skills (maximum 1 subject per group - see p. 47)</li> </ul> <p>Students are strongly recommended to take 7.5 credits of Accounting, however, because of timetable restrictions, it will only be available to those taking Computer Science, Spanish or German (not as beginner). These students will have a second opportunity to take an Introduction to Accounting course in 2nd year.</p>	<p><b>Choose between 2 possible routes:</b></p> <ul style="list-style-type: none"> <li>&gt; Single Major in Economics and Finance</li> <li>&gt; Major/Minor with Economics and Finance as the Major and either Computer Science or their 1st year language or Mathematical Studies as a Minor. Approximately 33% of a student's time is spent on the Minor</li> <li>&gt; Optional 10 credit Elective in 2nd year (see p. 13 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Work placement in an international company or study abroad (subject to availability)</li> </ul>	<p>Back on the Maynooth University campus taking the Single Major or Major/Minor (depending on the 2nd year option chosen).</p> <p>* Beginners language programme available. This requires 30 credits in the language (French, German or Spanish). Chinese Studies is only available as a 30 credit option.</p>

## Possible topics

1st year	2nd year	3rd year	Final year
Microeconomics, Macroeconomics, Quantitative Methods, Mathematics, Computer Science or a language, choice of 4th subject or Critical Skills (if not taking a language as a beginner).	Microeconomics, Macroeconomics, Economics of the European Union, Corporate Finance, Financial Management, Econometrics, Financial Markets and Institutions, Money and Banking, Financial Modelling. Optional 10 credit Electives (see p. 13 for details).	Work or Study Abroad or placement in an internationally orientated firm in Ireland (subject to availability).	Investments, Derivative Securities, Advanced Financial Modelling, Fixed Income Markets, Econometrics, International Finance, International Trade, Irish Economy, Finance Thesis.

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

# BCL (Law and Accounting)

CAO Code: **MH502 LWA** | CAO Points 2022: **452**

CAO Code: MH502 LWA

CAO Points 2022: 452

CAO Points Range 2021: 465-602

Places 2022: 175 (MH502)

Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: Yes – subject to availability

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish &amp; English &amp; O4/H7 Mathematics\*

\* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWA

**OPC: Open Choice Option**

Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- > **Embark on the route to becoming a professional in accounting or law, both of which offer a rewarding career with international mobility and high earning potential.**
- > **Enhance your employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.**
- > **Acquire key financial and accounting skills alongside a thorough grounding in core law subjects. Become a highly sought-after law and accounting graduate with the technical and transferable skills needed to succeed in your chosen career.**
- > **Engage with expert faculty, who foster an engaging, friendly, supportive and dynamic learning environment.**

## Why choose this degree?

- > This programme is jointly accredited by both the legal and accounting professions. 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, CIMA, and CPA professional accounting bodies. This law degree is accredited by the Honorable Society of King's Inns.
- > This option is designed for students who would like to study law while gaining 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 either of these fields.
- > You will acquire key financial and accounting skills alongside a thorough grounding in core law subjects.
- > 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).

## Options after graduation?

- > The numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and the financial services sector generally, as well as financial research and teaching.
- > Graduates of the BCL programme, wishing to pursue a career in accounting, will be in a position to enter professional training and avail of certain exemptions from the professional accounting bodies.
- > Graduates of the BCL programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- > Postgraduate study options at the School of Law and Criminology and the School of Business have a strong international focus to reflect the increasingly global nature of accounting, law and legal practice. Options currently include the LL.M. (International Business Law) and LL.M. (Global Legal Studies). Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

## Contact us

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## You might also like

Specialised Accounting degrees - see section 3

Other BCL Law degrees and our LLB degree - see section 8

MH101: Accounting and Law as subjects in the Bachelor of Arts degree - see section 1

## Course structure

> Accounting is taken jointly with Law for the three years of the programme, with a wide range of accounting and legal subjects being studied.	> Students take the core modules required for professional legal and accounting careers, but also choose from a range of optional modules. No prior knowledge of accounting or law is required, as we teach both subjects from first principles.	> A number of modules focus on developing critical skills (legal writing, advocacy, financial literacy and communication skills).	> You can apply for a work placement in a law or accounting firm, or for a year studying abroad, during your degree (subject to availability).
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## Possible topics

1st year	2nd year	Final year	
<ul style="list-style-type: none"> <li>&gt; Core modules like Criminal Law, Contract Law, Introduction to Accounting, and Fundamentals of Finance</li> <li>&gt; Critical skills modules, like Legal Research Methods</li> <li>&gt; Practical skills, participating in mock trials</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Core modules like Company Law, Financial and Management Accounting and Taxation</li> <li>&gt; Critical skills, analysing materials in tutorials and seminars</li> <li>&gt; Practical skills, like participating in negotiation</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Core modules like Property Law, Management Accounting, Financial Accounting and Finance</li> <li>&gt; Critical skills, analysing the philosophy of law, and the ethics of corporate governance</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Choose from a range of options, including Media Law and Financial Reporting</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student



# BCL (Law and Business)

CAO Code: **MH502 LWB** | CAO Points 2022: **452**

CAO Code: MH502 LWB

CAO Points 2022: 452

CAO Points Range 2021: 465-602

Places 2022: 175 (MH502)

Duration: 3 years

Erasmus/Study Abroad Option: Yes – subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: Yes – subject to availability

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish &amp; English &amp; O4/H7 Mathematics\*

\* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB

OPC: Open Choice Option

Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- > This degree combines the equal study of two related disciplines, Law and Business, making it particularly attractive for those considering a career in the commercial world.
- > This degree combines the best elements of the University's degrees in Business and Management and in Law to ensure students graduate with the maximum range of career options, both in Law and in Business and Management.
- > The defining feature of this degree is the skill-set which it provides students; you will enhance your employability by developing your faculties for argument and reasoning, for clear thinking, for the analysis of complicated ideas and for understanding the commercial context in which the law operates.

## Why choose this degree?

- > This law degree is accredited by the Honorable Society of King's Inns.
- > Law and Business students at Maynooth are offered unparalleled flexibility and choice. Students have the option of taking a four year degree with a work placement or study year abroad (subject to availability), thus combining what you learn in university with insights into industry (legal or commercial) or another culture. Students who successfully complete 1st year also have the option of transferring into the 2nd year of the LLB degree (MH501).
- > The BCL is a three-year degree in law combined with one other subject, in this case Business. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in business. The main advantage is that it allows you to combine the study of law with learning in business. This combination is ideal for those who may wish to run their own practice, to work in a setting where law is applied, to work in a business itself, or to practice commercial law.
- > Business 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.

## Options after graduation?

- > Graduates of this programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- > Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options in addition to 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.
- > Both the School of Business and the School of Law and Criminology offer a range of postgraduate programmes for BCL (Law and Business) graduates.

## Contact us

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✉ law@mu.ie

🖱 www.maynoothuniversity.ie/law

Follow us on Twitter, Instagram and LinkedIn @maynoothlaw

## You might also like

MH101 Law and Business as subjects in the Bachelor of Arts degree - see section 1

Our range of specialised Business degrees - see section 3

Our full range of specialised Law degrees - see section 8

## Course structure

> Business is taken jointly with Law for the three years of the programme, with a wide range of business and legal subjects being studied.

> Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year (subject to availability).

> Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB degree MH501 or 2nd year of the BBS Business and Management degree. An introductory accounting module must be taken in semester 1 of 2nd year (in the case of the latter degree).

## Possible topics

### 1st year

- > Core areas like Business Models and Marketing, and Criminal Law
- > Critical skills modules like Legal Research Methods and Managing Innovation
- > Practical skills through participating in mock trials

### 2nd year

- > Core areas like Company Law, Management Information Systems, and Human Resource Management
- > Critical skills like analysing materials in tutorials and seminars
- > Range of optional modules from which to choose, including Commercial Law, Project Management, and International Business

### Final year

- > Core areas like Property Law, Strategic Management, and Human Resource Management
- > Critical skills, like analysing the philosophy of law
- > Optional modules, including Innovation Management, Media Law, Contemporary Issues in Marketing, and Employment Law



“ Studying the BBS Business and Accounting degree has provided me with a fantastic start to my professional career. I have been able to explore business, accounting, finance and economics modules. My degree enables me to get exemptions from the professional accounting exams.

I completed a work placement with KPMG. This gave me an insight into how the audit process works and I expanded my professional network. I worked with a range of clients across the financial services industry.

During my time in Maynooth I got to be an orientation leader, student ambassador, academic rep and vice president of the mental health society.

Maynooth has helped me to grow both personally and professionally.”

**SARAH RYAN**

MH407 BBS BUSINESS AND ACCOUNTING, 2022





“Computer Science and Software Engineering in Maynooth gave me the platform to allow me to become the Software Engineer I am today. I am working as a Software Development Engineer at Amazon for almost two years. I put to use the knowledge I gained during my time in Maynooth on a daily basis. The core fundamentals of computer science and programming are pivotal in becoming a successful engineer and Maynooth provided me with that. You cannot be successful in the industry with just technical skills, soft skills such as teamwork, presentation skills and critical thinking are equally as important. Maynooth’s 4-year program includes team projects and modules that allow you to develop and grow these skills. The work placement in 3rd year gives you an edge when entering the job market after graduating and is attractive to employers.”

**MUHAMMAD AFAN** BSC COMPUTER SCIENCE AND SOFTWARE  
ENGINEERING GRADUATE  
SOFTWARE DEVELOPMENT ENGINEER II  
AT AMAZON

**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

Section  
**4**

<b>MH601 CSA</b>	BSc Computer Science and Software Engineering (through Arts)	148
<b>MH601 MWA</b>	BSc Multimedia, Mobile and Web Development (through Arts)	149
<b>MH602 CSS</b>	BSc Computer Science and Software Engineering (through Science)	150
<b>MH602 MWS</b>	BSc Multimedia, Mobile and Web Development (through Science)	151
<b>MH603</b>	BSc Computational Thinking	152
Computer Science also available in the Bachelor of Arts degree - see <a href="#">section 1</a>		60
Computer Science also available in the Bachelor of Science degree - see <a href="#">section 2</a>		120

**WITH THE THOROUGH GROUNDING IN THE THEORY AND PRACTICE OF COMPUTATION AND SOFTWARE DEVELOPMENT ACQUIRED IN MAYNOOTH UNIVERSITY, OUR GRADUATES ARE HIGHLY SOUGHT-AFTER IN A WIDE RANGE OF INDUSTRIES FROM STARTUPS TO MULTINATIONAL COMPANIES.**

**BSc Computer Science and Software Engineering (through Arts)**CAO Code: **MH601 CSA** | CAO Points 2022: **391****CAO Code:** MH601 CSA**CAO Points 2022:** 391**CAO Points Range 2021:** 381-589**Places 2022:** 65 (MH601)**Duration:** 4 years**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics**OPC: Open Choice Option**

Up to 4 weeks to decide on MH601 degree stream

> **Study all the principles and uses of computers and software, as well as key areas in mathematics, a major project and a six month placement in industry.**

> **Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).**

> **You will study another Arts subject or Critical Skills with Computer Science and Mathematics in first year.**

> **There is a transfer pathway from 1st year MH101 Arts to 2nd year MH601 CSA Computer Science and Software Engineering (through Arts). Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places.**

**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. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> Spending time working in industry as part of your degree enhances your employment opportunities once you graduate. We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

**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.

**Postgraduate study options currently include:**

> MSc Computer Science (Software Engineering)

> MSc Geocomputation

> MSc Data Science

> MSc/PhD Computer Science (by research)

> Professional Master of Education (Teaching)

**Maynooth Education****Critical Skills Option**

See p. 12 for details

**Contact us**

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✉ computerscience.department@mu.ie

🖱 [www.maynoothuniversity.ie/computer-science](http://www.maynoothuniversity.ie/computer-science)

🐦 @MU\_CompSci

**You might also like**

Computational Thinking p. 152

Computer Science as a subject in Arts (MH101) p. 60

Robotics and Intelligent Devices p. 166

**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. 47 for compatible subjects.

**2nd, 3rd and Final year**

Concentrate on Computer Science topics only. Students also complete a minimum 6 month work placement (subject to availability).

**Possible topics****1st year**

> Introduction to computer programming  
> Computer systems and computer science theory  
> Discrete structures and logic  
> Mathematics

**2nd year**

> Algorithms and data structures  
> Operating systems and databases  
> Computer architecture  
> Software engineering & software process  
> Software testing  
> Introduction to UX, (UI) and Interaction design  
> Web information processing  
> Calculus and algebra

**3rd year**

> Software design  
> Compilers  
> Networks  
> Verification  
> Complexity  
> Team project  
> Work placement (subject to availability)

**Final year**

> Programming language design  
> Computer Science Project  
> Elective topics (e.g. robotics, cryptography, computer vision)

**BSc Multimedia, Mobile and Web Development (through Arts)**CAO Code: **MH601 MWA** | CAO Points 2022: **391****CAO Code:** MH601 MWA**CAO Points 2022:** 391**CAO Points Range 2021:** 381-589**Places 2022:** 65 (MH601)**Duration:** 4 years**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics**OPC: Open Choice Option**

Up to 4 weeks to decide on MH601 degree stream

> **Study all the principles and uses of computers and software for mobile apps and websites, as well as key areas in mathematics, a major project and a six month placement in industry.**

> **Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).**

> **You will study another Arts subject or Critical Skills with Computer Science and Mathematics in first year.**

> **There is a transfer pathway from 1st year MH101 Arts to 2nd year MH601 Multimedia Mobile and Web Development (through Arts). Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places.**

**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. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory work.

> Spending time working in industry as part of your degree enhances your employment opportunities once you graduate. We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

**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.

**Postgraduate study options currently include:**

> MSc Computer Science (Software Engineering)

> MSc Geocomputation

> MSc Data Science

> MSc/PhD Computer Science (by research)

> Professional Master of Education (Teaching)

**Maynooth Education****Critical Skills Option**

See p. 12 for details

**Contact us**

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🖱 [www.maynoothuniversity.ie/computer-science](http://www.maynoothuniversity.ie/computer-science)

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**You might also like**

Computational Thinking p. 152

Computer Science as a subject in Arts (MH101) p. 60

Robotics and Intelligent Devices p. 166

**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. 47 for compatible subjects.

**2nd, 3rd and Final year**

Concentrate on Computer Science and Multimedia topics only. Students also complete a minimum 6 month work placement (subject to availability).

**Possible topics****1st year**

> Introduction to computer programming  
> Computer systems and computer science theory  
> Discrete structures and logic  
> Mathematics

**2nd year**

> Databases  
> Interactive storytelling  
> Software engineering & software process  
> Software testing  
> Introduction to UX, (UI) and interaction design  
> Web information processing  
> Calculus and algebra  
> Multimedia technology  
> Algorithms and data structures

**3rd year**

> Software design  
> Multimedia communications  
> Mobile application development  
> Music programming  
> Team project  
> Work placement (subject to availability)

**Final year**

> Signal processing  
> Computer Science Project  
> Elective topics (e.g. robotics, cryptography, computer vision)



**BSc Computer Science and Software Engineering (through Science)**CAO Code: **MH602 CSS** | CAO Points 2022: **410**

CAO Code: MH602 CSS

CAO Points 2022: 410

CAO Points Range 2021: 400-613

Places 2022: 100 (MH602)

Duration: 4 years

**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics**OPC: Open Choice Option**

Up to 4 weeks to decide on MH602 degree stream

➤ **Study all the principles and uses of computers and software, as well as key areas in mathematics, a major project and a six month placement in industry.**

➤ **Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).**

➤ **You will study another science subject with Computer Science and Mathematics in first year.**

➤ **There is a transfer pathway from 1st year MH201 Science to 2nd year MH602 CSS Computer Science & Software Engineering (through Science). Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places. See p. 117 for details.**

**Why choose this degree?**

➤ Students enjoy the huge benefit of studying another science subject with Computer Science in first year. This lends graduates a wider frame of reference.

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

➤ Spending time working in industry as part of your degree enhances your employment opportunities once you graduate. We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

**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.

**Postgraduate study options currently include:**

➤ MSc Computer Science (Software Engineering)

➤ Double MSc in Dependable Software Systems (with University of St Andrews, Scotland and Université de Lorraine, France)

➤ MSc Geocomputation

➤ MSc Data Science

➤ MSc/PhD Computer Science (by research)

➤ Erasmus Mundus joint MSc in Advanced Systems Dependability (DEPEND)

➤ Professional Master of Education (Teaching)

**Contact us**

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**You might also like**

Computational Thinking p. 152

Computer Science as a subject in Science (MH201) p. 120

Robotics and Intelligent Devices p. 166

**Course structure**

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 Science subject (Biology, Engineering Science, Experimental Physics, Mathematical Physics).	Concentrate on Computer Science topics only. Students also complete a minimum 6 month work placement (subject to availability).

**Possible topics**

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to computer programming</li> <li>&gt; Computer systems and computer science theory</li> <li>&gt; Discrete structures and logic</li> <li>&gt; Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Algorithms and data structures</li> <li>&gt; Operating systems and databases</li> <li>&gt; Computer architecture</li> <li>&gt; Software engineering &amp; software process</li> <li>&gt; Introduction to UX, (UI) and interaction design</li> <li>&gt; Web information processing</li> <li>&gt; Calculus and statistics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Software design</li> <li>&gt; Compilers</li> <li>&gt; Networks</li> <li>&gt; Verification</li> <li>&gt; Complexity</li> <li>&gt; Team project</li> <li>&gt; Work placement (subject to availability)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Programming language design</li> <li>&gt; Computer Science Project</li> <li>&gt; Elective topics (e.g. robotics, cryptography, computer vision)</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

**BSc Multimedia, Mobile and Web Development (through Science)**CAO Code: **MH602 MWS** | CAO Points 2022: **410**

CAO Code: MH602 MWS

CAO Points 2022: 410

CAO Points Range 2021: 400-613

Places 2022: 100 (MH602)

Duration: 4 years

**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O3/H7 Mathematics**OPC: Open Choice Option**

Up to 4 weeks to decide on MH602 degree stream

➤ **Study all the principles and uses of computers and software for mobile apps and websites, as well as key areas in mathematics, a major project and a six month placement in industry.**

➤ **Acquire hands-on programming skills and advanced problem solving techniques in our dedicated computer science building (Eolas).**

➤ **You will study another science subject with Computer Science and Mathematics in first year.**

➤ **There is a transfer pathway from 1st year MH201 Science to 2nd year MH602 MWS Multimedia, Mobile and Web Development. Students must have taken and passed at least 22.5 credits of Computer Science in first year. There is no limit on places. See p. 117 for details.**

**Why choose this degree?**

➤ Students enjoy the huge benefit of studying another science subject with Computer Science in first year. This lends graduates a wider frame of reference.

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

➤ Spending time working in industry as part of your degree enhances your employment opportunities once you graduate. We endeavour to provide a supportive and enjoyable atmosphere for learning through our Computer Science Support Centre, extensive assistance during practical work and we are always available outside of lectures to help our students.

**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.

**Postgraduate study options currently include:**

➤ MSc Computer Science (Software Engineering)

➤ MSc Geocomputation

➤ MSc Data Science

➤ MSc/PhD Computer Science (by research)

➤ Professional Master of Education (Teaching)

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**You might also like**

Computational Thinking p. 152

Computer Science as a subject in Science (MH201) p. 120

Robotics and Intelligent Devices p. 166

**Course structure**

1st year	2nd, 3rd and Final year
Computer Science (30 credits), Mathematics and 1 Science subject (Biology or Engineering Science, Experimental Physics, Mathematical Physics).	Concentrate on Computer Science and Multimedia topics only. Students also complete a minimum 6 month work placement (subject to availability).

**Possible topics**

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to computer programming</li> <li>&gt; Computer systems and computer science theory</li> <li>&gt; Discrete structures and logic</li> <li>&gt; Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Databases</li> <li>&gt; Interactive storytelling</li> <li>&gt; Software engineering &amp; software process</li> <li>&gt; Software testing</li> <li>&gt; Introduction to UX, (UI) and interaction design</li> <li>&gt; Web information processing</li> <li>&gt; Calculus and statistics</li> <li>&gt; Multimedia technology</li> <li>&gt; Algorithms and data structures</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Software design</li> <li>&gt; Multimedia communications</li> <li>&gt; Mobile application development</li> <li>&gt; Music programming</li> <li>&gt; Team project</li> <li>&gt; Work placement (subject to availability)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Signal processing</li> <li>&gt; Computer Science Project</li> <li>&gt; Elective topics (e.g. robotics, cryptography, computer vision)</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# BSc Computational Thinking

CAO Code: **MH603** | CAO Points 2022: **509**

CAO Code: MH603

CAO Points 2022 509

CAO Points Range 2021: 520-589

Places 2022: 10

Duration: 3 years

**Erasmus/Study Abroad Option:** Subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** No**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & H2 Mathematics

- Study Computer Science, Mathematics and Philosophy in an accelerated three-year Bachelor of Science degree.
- Learn how to combine human creativity with the power of computers to solve problems.
- Examine the essentials of theoretical computer science and their mathematical foundations.
- You will have the option of undertaking a 1-year work placement or study abroad between 2nd and 3rd year (subject to availability).

## Why choose this degree?

- Acquire hands-on programming skills, advanced problem-solving techniques, and learn to think logically and analytically when approaching complex problems. You will also have the opportunity to develop 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. Our laboratories and equipment provide excellent facilities for practical work and all our courses include a mix of lectures and laboratory 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 enjoy outstanding career opportunities across a range of areas such as software development and analysis, mathematical and financial modelling, bioinformatics, cryptography and security.
- Postgraduate study may include MSc Geocomputation, MSc Computer Science (Software Engineering), PhD Computer Science (Research), MSc in Data Science and Analytics, PhD Statistics/Data Science.

## Contact us

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🐦 @MU\_MathsStats

## You might also like

Computer Science and Software Engineering (through Science or Arts) p. 150 and 148

Computer Science as a subject in Arts (MH101) p. 60

Computer Science as a subject in Science (MH201) p. 120

Data Science p. 192

## Course structure

1st year	2nd year	Final year	Programming languages
<ul style="list-style-type: none"> <li>➤ 4 modules in Computer Science</li> <li>➤ 6 modules in Mathematics</li> <li>➤ 2 modules in Philosophy</li> </ul>	<ul style="list-style-type: none"> <li>➤ 6 modules in Computer Science</li> <li>➤ 4 modules in Mathematics</li> <li>➤ 2 modules in Philosophy</li> </ul> <p>You will have the option of undertaking a 1-year work placement or study abroad after 2nd year (subject to availability).</p>	6 compulsory Computer Science and Mathematics modules including a project are complemented by 6 optional modules chosen from among the 3 core disciplines.	<ul style="list-style-type: none"> <li>➤ <b>1st year:</b> Python, Java, SQL</li> <li>➤ <b>2nd year:</b> C, R, Haskell</li> <li>➤ <b>Final year:</b> language choice in projects of choice</li> </ul>

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>➤ Computer Science (Algorithms, Data Structures, Operating Systems)</li> <li>➤ Mathematics (Calculus, Algebra, Geometry, Analysis)</li> <li>➤ Philosophy (Logic, Reasoning)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Computer Science (Programming Languages, Computation, Complexity)</li> <li>➤ Mathematics (Analysis, Group Theory)</li> <li>➤ Philosophy (Epistemology, Philosophy of Language)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Programming Language Semantics,</li> <li>➤ Group Theory, Differential Geometry, Topology</li> <li>➤ Selected topics from Computer Science, Mathematics and Philosophy</li> </ul>







“The best course in Maynooth! The Bachelor of Science with Education programme made me who I am as a teacher. This programme is filled with opportunities that nourished my creative nature which I bring to the classroom with my every day, especially in the lab. As part of the course I participated in a Student Undergraduate Research Programme (SPUR) during the summer of my 3rd year. This culminated in a shared published research paper in a Science Education Journal. Don't miss out on this course if you are interested in being a teacher and knowing how to back up what you are doing in your profession every day from a research point of view. You will have a bright future ahead, meet amazing people with similar aspirations in this career path and be challenged within a science and mathematics education setting.”

**AISHLING REILLY** GRADUATE BSC SCIENCE (WITH EDUCATION)  
TEACHER OF SCIENCE AND MATHEMATICS

## EDUCATION SPECIALISED DEGREES

Section  
**5**

<b>MH001</b>	BEd Bachelor of Education - Froebel Primary Teaching	156
<b>MH002</b>	BEd Bachelor of Education - Froebel Primary Teaching (Gaeltacht Applicants)	156
<b>MH003</b>	BA Early Childhood - Teaching and Learning (full-time)	157
<b>MH004</b>	BA Early Childhood - Teaching and Learning (flexible)	158
<b>MH212 SED</b>	BSc Science (with Education)	159
<b>MH212 MCS</b>	BSc Mathematics and Computer Science (with Education)	160
<b>MH212 MED</b>	BSc Mathematics (with Education)	161

**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.**

# BEd Bachelor of Education – Froebel Primary Teaching

CAO Code: **MH001/MH002^** | CAO Points 2022: **540 (MH001)**

**CAO Code:** MH001 or MH002^  
**CAO Points 2022:** MH001: 540/MH002: 543^  
**CAO Points Range 2021:** MH001: 564-625  
**Places 2022:** MH001: 65  
**Duration:** 4 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** Must apply before the 1st February. See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Required

**Leaving Certificate Applicants to MH001:** 3H5 & 3O6/H7 grades. Required minimum grades are Irish H4, English O4/H7 and Mathematics O4/H7. **Leaving Certificate Applicants to MH002: see below.**

**Note:** Offers of places on MH001/MH002 are subject to a satisfactory background check by the National Vetting Bureau. In the case of MH001/MH002, prior to entry, candidates are required to complete a Health Status Information Form.

^MH002 is another application route for students who reside in officially designated Gaeltacht Language Planning areas and who use Irish as the normal language of the home (applicants must include their Eircode when applying to MH002). Applicant details are forwarded to the Department of Arts, Heritage and the Gaeltacht to determine eligibility for this route. Entry requirements are the same as per MH001 except H3 Irish required for MH002.

There are two routes into primary teaching: the undergraduate BEd route and the two-year postgraduate qualification known as the Professional Master of Education (PMEd) 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.

> The foundation disciplines of Psychology, Philosophy, Sociology and History of Education form the theoretical basis for this degree.

> Education modules and school-based practice within a variety of placement settings feature across all four years, as well as a placement in the Gaeltacht for two fortnight blocks at Easter in second and third year.

## Why choose this degree?

> At Maynooth, you get to study at the heart of a major university, where you can enjoy intellectual stimulus and social interaction with professors and students from other disciplines.

> As the Department is named after the famous educational philosopher, 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 and the civil service.

## Contact us

Maynooth University Froebel Department of Primary and Early Childhood Education, School of Education

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## You might also like

MH003 BA Early Childhood - Teaching and Learning (full-time) p. 157

MH004 BA Early Childhood - Teaching and Learning (flexible) p. 158

MH101 Bachelor of Arts degree p. 44

PMEd 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.

## Course structure & possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Teacher as Learner</li> <li>&gt; Placement Learning 1</li> <li>&gt; Foundation Studies</li> <li>&gt; Curriculum and Methodology</li> <li>&gt; Teanga 1 &amp; 2</li> <li>&gt; Mathematics and Scientific Enquiry</li> <li>&gt; Personal and Professional Skills for Teaching and Learning</li> <li>&gt; Competencies in Mathematics and Languages</li> <li>&gt; Educational Foundations of Religious Education</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Placement Learning 2</li> <li>&gt; Foundation Studies</li> <li>&gt; Curriculum and Methodology</li> <li>&gt; Social Construction of Identity</li> <li>&gt; Including Every Child</li> <li>&gt; Teanga 3 &amp; 4</li> <li>&gt; Mathematics and Scientific Enquiry</li> <li>&gt; Personal and Professional Skills for Teaching and Learning</li> <li>&gt; Competencies in Mathematics and Languages</li> <li>&gt; Educational Foundations of Religious Education</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Placement Learning: Teacher as Change Agent</li> <li>&gt; Foundation Studies</li> <li>&gt; Including Every Child</li> <li>&gt; Curriculum, Methodology and Assessment</li> <li>&gt; Language, Mathematics and Scientific Enquiry Across the Curriculum</li> <li>&gt; Think Globally Teach Locally</li> <li>&gt; Professional and Personal Skills for Teaching and Learning</li> <li>&gt; Students may choose from a range of electives such as: Integrating Dance and Drama in Education; Dissolving Boundaries Through Technology in Education; Wellness and Mindfulness</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Placement Learning 4: Teacher as Professional</li> <li>&gt; Foundation Studies</li> <li>&gt; Challenges in Pupil Care</li> <li>&gt; Curriculum, Methodology and Assessment</li> <li>&gt; Digital Learning across the Curriculum</li> <li>&gt; Numeracy</li> <li>&gt; Professional and Personal Skills for Teaching and Learning: Research in Schools</li> <li>&gt; Cumas na Gaeilge</li> <li>&gt; Maths Competency</li> <li>&gt; Students may choose from a range of electives such as: Language in the Early Years; Managing Challenging Behaviour; Restorative Practice; Primary Science</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BA Early Childhood Teaching and Learning (full-time)

CAO Code: **MH003** | CAO Points 2022: **387**

**CAO Code:** MH003  
**CAO Points 2022:** 387  
**CAO Points Range 2021:** 381-565  
**Places 2022:** 45  
**Duration:** 4 years (full-time)

**Erasmus/Study Abroad Option:** Yes  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** See p. 210

**Placement Option:** Placement is required (420 hours per academic year)  
**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

**Full time, Level 8, honours degree, catering for those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate, further education or mature student paths. Those currently working in the ECEC sector may be interested in the flexible BA in Early Childhood Teaching and Learning (MH004 - see p. 158).**

## Why choose this degree?

> The programme is closely linked with Early Childhood Education and Care (ECEC) practice, and its staff are experienced in the development, delivery and advocacy of Early Childhood Education and Care.

> Work placements take place in Tusla-notified Early Childhood Education and Care settings.

> It is a progressive Level 8 degree, supporting the development of outstanding early childhood educators.

> This degree offers graduates the option of progressing their careers in Early Childhood Education and Care in varied professional roles.

## Options after graduation?

> Graduates emerge as early years teaching professionals. Career progression within this sector, for those with a level 8 Early Childhood degree, is expanding rapidly within and beyond Early Childhood Education and Care settings to include opportunities within policy development and evaluation agencies within government departments, semi-state bodies and NGO's.

> The Bachelor of Arts in Early Childhood Teaching and Learning positions graduates to spearhead and lead learning in Early Childhood Education and Care services.

> Graduates may also take up roles with local development agencies within the early childhood sector both nationally and internationally.

## Contact us

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🐦 @EarlyBA

## You might also like

Masters in Education (Research in Practice) (full-time / part-time)

Masters in Education with Early Years Specialism (full-time / part-time)

PMEd Professional Master of Education (Primary): This is a postgraduate route into primary teaching. Students apply for this postgraduate course once they have completed their degree. Our Early Childhood Teaching and Learning degree meets the eligibility criteria to apply. See Graduate Studies website for more details.

Community and Youth Work p. 174

Bachelor of Education - Froebel Primary Teaching p. 156

## Course structure

> This full-time degree will prepare you for a range of leadership roles in the Early Childhood Education and Care (ECEC) sector.

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Educator as Learner</li> <li>&gt; Introduction to Child Psychology</li> <li>&gt; Introduction to Social and Legal Studies</li> <li>&gt; Introduction to Curriculum and Pedagogy</li> <li>&gt; Health and Well-being for Infants and Toddlers</li> <li>&gt; Inclusion in Early Childhood Education</li> <li>&gt; Philosophy, Culture and Constructs of Early Childhood Education and Care</li> <li>&gt; Professional Practice 1</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Integrating Theory &amp; Practice</li> <li>&gt; Learning &amp; Development Practices (Birth to 6 years)</li> <li>&gt; Play</li> <li>&gt; Health and Well-Being for Young Children</li> <li>&gt; Children's Spaces</li> <li>&gt; Building Relationships with Children, Families and Communities</li> <li>&gt; Exploring Curricula &amp; Pedagogy</li> <li>&gt; Professional Practice 2</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Educator as Change Agent</li> <li>&gt; Learning &amp; Development in Context</li> <li>&gt; Social Justice, Ethics &amp; Diversity</li> <li>&gt; Supporting Creativity &amp; Imagination</li> <li>&gt; Social &amp; Legal Context of Childhood</li> <li>&gt; Community as Context</li> <li>&gt; Supporting Enquiry/Enacting the Curriculum</li> <li>&gt; Professional Practice 3</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Educator as Action Researcher</li> <li>&gt; Learning &amp; Development: Challenges</li> <li>&gt; Leadership and Management</li> <li>&gt; Transitions in the Early Years</li> <li>&gt; Dominant Discourses in Early Childhood Education and Care</li> <li>&gt; Curriculum, Pedagogy and Assessment</li> <li>&gt; Literacy Numeracy and Scientific Enquiry</li> <li>&gt; Professional Practice 4</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



## BA Early Childhood – Teaching and Learning (flexible)

CAO Code: **MH004** | CAO Points 2022: Not applicable

<p><b>CAO Code:</b> MH004  <b>CAO Points 2022:</b> Not applicable  <b>CAO Points Range 2021:</b> Not applicable  <b>Places 2022:</b> 30  <b>Duration:</b> 4 years (flexible)          Applicants with a level 6 qualification in Early Childhood Education and Care may apply for exemption from year 1.</p>	<p><b>Erasmus / Study Abroad Option:</b> No  <b>Mature Applicants:</b> See p. 208  <b>UK, EU and International Applicants:</b> See p. 214  <b>QQI link:</b> See p. 210</p>	<p><b>Placement option:</b> Placement is required (420 hours per academic year)  <b>Entry requirement:</b> Level 6 Early Childhood and Care Award</p> <p>Please note that applications for the BA Early Childhood - Teaching &amp; Learning (flexible) degree (CAO Code MH004) must be made through the Advanced Entry portal on the CAO application website.</p>
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**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

**Flexible, level 8 honours degree, catering for those currently working in the ECEC sector. Those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate or further education paths may be interested in the full-time programme MH003.**

### Why choose this degree?

- > The programme is closely linked with Early Childhood Education and Care practice, and its lecturers are experienced in the development, delivery and advocacy of Early Childhood Education and Care. The unique partnership between Maynooth University and Early Childhood Ireland ensures unparalleled support in linking theory and practice for excellence in ECEC.
- > Work placements take place in Tusla-notified Early Childhood Education and Care settings. Those working in the sector may use their workplace as their placement setting. However alternative placements are also required each year.
- > The Bachelor of Arts in Early Childhood Teaching and Learning is a progressive Level 8 degree, supporting the development of outstanding early childhood educators.
- > Applicants with Level 6 may be exempt from 1st year
- > Students can graduate with Level 7 qualification after 3rd year or Level 8 qualification after 4th year.
- > This degree offers graduates the option of progressing their careers in varied professional roles.

### Options after graduation?

Graduates emerge as early years teaching professionals. Career progression within this sector for those with a level 7 and 8 Early Childhood degree is expanding rapidly within and beyond Early Childhood Education and Care settings to include opportunities within policy development and evaluation agencies within government departments, semi-state bodies and NGO's.

The Bachelor of Arts in Early Childhood Teaching and Learning positions graduates to spearhead and lead learning in Early Childhood Education and Care services.

### Contact us

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### You might also like

Master in Education (Research in Practice) (full-time / part-time)  
 Master in Education with Early Years Specialism (full-time / part-time)  
 PMed Professional Master of Education (Primary): This is a postgraduate route into Primary Teaching. Students apply for this postgraduate course once they have completed their degree. An Early Childhood Teaching and Learning degree meets the eligibility criteria to apply. Students must also meet additional requirements. See Graduate Studies website for more details.  
 Community and Youth Work p. 174  
 Bachelor of Education - Froebel Primary Teaching p. 156

### Course structure

> This flexible degree will prepare you for a range of leadership roles in the Early Childhood Education and Care (ECEC) sector

### Possible topics

1st year	2nd year	3rd year	4th year
<ul style="list-style-type: none"> <li>&gt; This programme is designed for Early Years Educators working in early childhood education and care settings. Applicants with a Level 6 qualification in Early Childhood Education and Care may apply for exemption from year 1.</li> <li>&gt; Those aspiring to enter the Early Childhood Education and Care sector from Leaving Certificate or further education paths may be interested in the full-time programme MH003.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Integrating Theory and Practice</li> <li>&gt; Early Childhood Learning &amp; Development: Practices (birth – 6yrs)</li> <li>&gt; Building Relationships with Children, Families and Communities</li> <li>&gt; Exploring Curricula &amp; Pedagogy: Supporting Enquiry</li> <li>&gt; Children's Health &amp; Well-being</li> <li>&gt; Social &amp; Legal Context of Early Childhood</li> <li>&gt; Play</li> <li>&gt; Professional Development and Professional Placement 2</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Educator as Change Agent</li> <li>&gt; Early Childhood Learning &amp; Development in Context (birth – 6yrs)</li> <li>&gt; Inclusive Practices for Children and Families</li> <li>&gt; Supporting Creativity and Imagination</li> <li>&gt; Language and Literacy in Early Childhood</li> <li>&gt; Pedagogical Documentation &amp; Assessment</li> <li>&gt; Establishing Quality Indoor and Outdoor Environments in Early Childhood</li> <li>&gt; Professional Development and Professional Placement 3</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Reflective Practice: Research and Methodology</li> <li>&gt; Early Childhood Learning &amp; Development Challenges birth – 6yrs</li> <li>&gt; Leadership &amp; Management in Early Childhood Education &amp; Care</li> <li>&gt; Social Justice, Ethics and Diversity</li> <li>&gt; Transitions in Early Childhood Education &amp; Care</li> <li>&gt; Dominant Discourse/Global Perspectives in Early Childhood Education &amp; Care</li> <li>&gt; STEAM in Early Childhood Education &amp; Care</li> <li>&gt; Professional Development and Professional Placement 4</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

## BSc Science (with Education)

CAO Code: **MH212 SED** | CAO Points 2022: **443**

<p><b>CAO Code:</b> MH212 SED  <b>CAO Points 2022:</b> 443  <b>CAO Points Range 2021:</b> 435-601 (MH212)  <b>Places 2022:</b> 60 (MH212)  <b>Duration:</b> 4 years + 1 year postgraduate study</p>	<p><b>Erasmus/Study Abroad Option:</b> No  <b>Mature Applicants:</b> See p. 208  <b>UK, EU &amp; International Applicants:</b> See p. 214  <b>QQI Link:</b> No  <b>Placement Option:</b> Placement is required</p>	<p><b>Leaving Certificate:</b> 2H5 &amp; 4O6/H7, Irish, English &amp; Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) &amp; O4/H7 Mathematics.  <b>OPC: Open Choice Option</b>          Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)</p>
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**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

- > **If you are interested in a career as a second-level science and/or mathematics teacher, this may be the degree for you.**
- > **You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.**
- > **You will take a five year route to second-level teaching instead of a six-year route.**

### Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you:
  1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
  2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Science (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level science and mathematics teacher, up to Leaving Certificate level. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science degree (MH201) for four years and then apply for a place on the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

### Options after graduation?

Depending on the subjects chosen during the course of the degree, graduates will be in a position to teach any two of the following subjects to senior cycle level (HL): mathematics, biology, chemistry, physics.  
 Graduates apply to the Teaching Council of Ireland for registration.

### Contact us

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### You might also like

MH003 BA Early Childhood - Teaching and Learning (full-time) p. 157  
 MH004 BA Early Childhood - Teaching and Learning (flexible) p. 158  
 Bachelor of Education - Froebel Primary Teaching p.156  
 Science (BSc MH201) p. 116  
 Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

### Course structure

- > After four years of concurrent Science and Education studies, students may graduate with a Level 8 honours degree in Science (with Education)
- > To become a fully qualified science teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education
- > Once you reach the required standards after 4th year, the place in 5th year is guaranteed

### Possible topics

1st year	3rd year	4th year	Final year
<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry</li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with your 2 Science subjects (40 credits)</li> <li>&gt; School-based experience (1 day per week)</li> <li>&gt; Learning, Teaching, Assessment and Curriculum</li> <li>&gt; The Foundations of Educational Thinking</li> <li>&gt; Critical Reflections on Science and Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with your 2 Science subjects (40 credits)</li> <li>&gt; School-based experience 3 (2 week block in September and 1 day per week in semester 1)</li> <li>&gt; The Teacher as Critically Reflective Practitioner</li> <li>&gt; Irish Education History, Policy and Legislation</li> <li>&gt; Critical Reflections on Science and Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; School-based experience 4 (3 days per week in school)</li> <li>&gt; Teaching, Learning, Assessment and Curriculum: The Practice of Teaching</li> <li>&gt; The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Mathematics and Computer Science (with Education)

CAO Code: **MH212 MCS** | CAO Points 2022: **443**

**CAO Code:** MH212 MCS  
**CAO Points 2022:** 443  
**CAO Points Range 2021:** 435-601 (MH212)  
**Places 2022:** 60 (MH212)  
**Duration:** 4 years + 1 year postgraduate study

**Erasmus/Study Abroad Option:** No  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Placement is required

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H4 Mathematics\*  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

\*Students admitted to MH212 are required to have H4 Mathematics to register for MCS.

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau

- > If you are interested in a career as a second-level mathematics and computer science teacher, this may be the degree for you.
- > You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.
- > You will take a five year route to second-level teaching instead of a six-year route.

## Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you:
  1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
  2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Mathematics and Computer Science (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science (MH201) degree for four years and then apply for the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

## Options after graduation?

Graduates will be qualified to teach mathematics and computer science up to Leaving Certificate Higher Level. Graduates apply to the Teaching Council of Ireland for registration.

## Contact us

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## You might also like

Bachelor of Education - Froebel Primary Teaching p. 156  
 Computer Science p. 120  
 Mathematics p. 125  
 Statistics p. 126  
 Science (BSc MH201) p. 116

Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

## 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)

> To become a fully qualified Mathematics and Computer Science teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education

> Once you reach the required standards after 4th year, the place in 5th year is guaranteed  
 > Students have the option of transferring to MH212 MED Mathematics (with Education) at the end of year 1

## Possible topics

1st year	3rd year	4th year	Final year
> Computer Science > Mathematics > Mathematical Physics > Experimental Physics	> 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 Thinking > Critical Reflections on Mathematics and Computer Science Teaching and Learning	> Continue with Mathematics and Computer Science (40 credits) > School-based experience 3 (2 week block in September and 1 day per week in semester 1) > The Teacher as Critically Reflective Practitioner > Irish Education History, Policy and Legislation > Critical Reflections on Mathematics and Computer Science Teaching and Learning	> School-based experience 4 (3 days per week in school) > Teaching, Learning, Assessment and Curriculum: The Practice of Teaching > The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Mathematics (with Education)

CAO Code: **MH212 MED** | CAO Points 2022: **443**

**CAO Code:** MH212 MED  
**CAO Points 2022:** 443  
**CAO Points Range 2021:** 435-601 (MH212)  
**Places 2022:** 60 (MH212)  
**Duration:** 4 years + 1 year postgraduate study

**Erasmus/Study Abroad Option:** No  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Placement is required

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H4 Mathematics\*  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

\*Students admitted to MH212 are required to have H4 Mathematics to register for MED.

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

- > If you are interested in a career as a second-level mathematics and applied mathematics teacher, this may be the degree for you.
- > You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.
- > You will take a five year route to second-level teaching instead of a six-year route.

## Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you.
  1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
  2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Mathematics (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level mathematics and applied mathematics teacher. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science degree (MH201) for four years and then apply for the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

## Options after graduation?

Graduates will be qualified to teach mathematics and applied mathematics up to Leaving Certificate Higher Level. Graduates apply to the Teaching Council of Ireland for registration.

## Contact us

Maynooth University Department of Education,  
 School of Education  
 ☎ + 353 1 708 3656  
 ✉ education.department@mu.ie  
 🌐 www.maynoothuniversity.ie/education  
 🐦 @MU\_Education

## You might also like

Bachelor of Education - Froebel Primary Teaching p. 156  
 Mathematics p. 125  
 Mathematical Physics p. 124  
 Statistics p. 126  
 Science (BSc MH201) p. 116

Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

## Course structure

> After four years of concurrent Mathematics and Education studies, students may graduate with a Level 8 honours degree in Mathematics (with Education)

> To become a fully qualified Mathematics and Applied Mathematics teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education

> Once you reach the required standards after 4th year, the place in 5th year is guaranteed  
 > Students have the option of transferring to MH212 MCS Mathematics and Computer Science (with Education) at the end of year 1

## Possible topics

1st year	3rd year	4th year	Final year
> Mathematics > Mathematical Physics > Experimental Physics > Computer Science	> Continue with: Mathematics (Applied) 20 credits or Mathematical Physics 20 credits or Mathematics (Applied) 40 credits > School-based experience 2 (1 day per week) > Learning, Teaching, Assessment and Curriculum > The Foundations of Educational Thinking > Critical Reflections on Mathematics Teaching and Learning	> Continue with: Mathematics (Applied) 20 credits or Mathematical Physics 20 credits or Mathematics (Applied) 40 credits > School-based experience 3 (2 week block in September and 1 day per week in semester 1) > The Teacher as Critically Reflective Practitioner > Irish Education History, Policy and Legislation > Critical Reflections on Mathematics Teaching and Learning	> School-based experience 4 (3 days per week in school) > Teaching, Learning, Assessment and Curriculum: The Practice of Teaching > The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student





Princess Wilson, from Cork, recently completed the five year master's degree programme in Engineering. She was awarded an Intel Scholarship to complete her master's.

Princess sat the MU Engineering Mathematics Exam, following her Leaving Certificate, as she hadn't achieved the required grade for admission. Achieving the H4, she began her BE degree at Maynooth eventually opting to complete the five year master's programme. She started tutoring lab classes in a variety of subjects in 2020 and particularly enjoyed a module focused on coding (C++ language).

Princess recently accepted an offer to move to London to work for Bank of America having completed her master's dissertation project - the focus of which was the safe overtaking of an autonomous vehicle using computer vision.

**PRINCESS WILSON**  
 MASTER OF ENGINEERING GRADUATE  
 BANK OF AMERICA

Picture: Daragh Mc Sweeney

## ELECTRONIC ENGINEERING SPECIALISED DEGREES

Section  
**6**

<b>MH304</b>	BE Bachelor of Electronic Engineering	164
	Engineering Science available in the Bachelor of Science degree in MH201	122
<b>MH306</b>	BSc Robotics and Intelligent Devices	166

**GRADUATES FROM THE DEPARTMENT OF ELECTRONIC ENGINEERING GO ON TO A WIDE VARIETY OF ICT CAREERS. THE INTERNET, ELECTRONIC COMMERCE, ADVANCED MEDICAL DIAGNOSTIC, TREATMENT SYSTEMS, AND TRANSPORT ARE ALL EXAMPLES OF MODERN HUMAN ACTIVITIES DEPENDENT ON INFORMATION. EVEN ENTERTAINMENT – MUSIC AND FILMS – DEPEND ON ELECTRONIC MANIPULATION OF AUDIO-VISUAL INFORMATION. SO WHO MAKES ALL THIS POSSIBLE? ENGINEERS DO.**

# BE Bachelor of Electronic Engineering

CAO Code: **MH304** | CAO Points 2022: **307**

CAO Code: MH304  
CAO Points 2022: 307  
CAO Points Range 2021: 351-565  
Places 2022: 40  
Duration: 4/5 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Yes - subject to availability (year 4 of 5 year programme)

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, Physics with Chemistry or Technology) & \*H4 Mathematics. (See Note below).

> **MH304 Bachelor of Electronic Engineering is accredited by Engineers Ireland and is recognised internationally. The five year Master of Engineering in Electronic Engineering at Maynooth University is also accredited by Engineers Ireland and meets the educational standard required to become a chartered engineer.**

> **In MH304 Electronic Engineering, students take the same modules in 1st, 2nd and 3rd year.**

> **In 4th year, students specialise in one of the following three options:**

- Electronic Engineering with Computers (COE)
- Electronic Engineering (EEG)
- Electronic Engineering with Communications (COM)

> **Students who achieve a 2.2 grade (50%) minimum in 3rd year may choose the MEng stream (see p. 165 for details)**

> **There is a transfer pathway from 1st year MH201 Science to 2nd year MH304 Engineering for students who have taken Engineering Science, Computer Science, Mathematics and one other subject. See page 117 for more information about this pathway.**

## Why choose this degree?

> Electronic Engineering at Maynooth University has developed world-class expertise in the area of mobile communications, radio and wireless communications, biomedical engineering research, dynamics and control research, wave energy research, and robotics. Each of these areas is matched to rapidly growing industries and excellent job opportunities. By bringing this deep knowledge to all the undergraduate programmes, we provide our graduates with a world-class electronic engineering education but also a head start in these exciting and developing areas.

**\*Note:** Applicants who do not achieve the required H4 in their Leaving Certificate Mathematics exam can sit the Maynooth University Engineering Mathematics Examination held in the week after the Leaving Certificate results are issued. The exam is based on Paper 1 of the Leaving Certificate Higher Level Mathematics curriculum. Applicants must achieve at least 60% in this exam, along with the other entry requirements, in order to be accepted on to the Electronic Engineering degree (MH304). Applicants under 23 years of age need to have attained at least 350 points in their Leaving Certificate or equivalent plus basic entry requirements.

➔ [www.mu.ie/mathsexam](http://www.mu.ie/mathsexam)

> Students progressing into the 5th year master's route, have the option in 4th year to complete one of the following: 6 month industry work experience / Erasmus or Research Internship or Project (subject to availability).

## Options after graduation?

MH304 Electronic Engineering graduates are highly sought-after in a wide range of engineering and ICT and non-engineering and ICT roles. The Internet, Electronic Commerce, advanced Medical Diagnostic, Treatment Systems, and Transport are all examples of modern human activities dependent on information. Maynooth University engineering graduates are equipped to work in silicon chip manufacturing and design, communications companies and in the development of products closely combining hardware and software.

Beyond electronic engineering, MH304 graduates have the software skills to work in most software companies, and the problem solving and mathematical skills for many roles in the financial, consultancy and management sectors.

## Engineering postgraduate programmes at Maynooth University currently include:

- > MEng Electronic Engineering (Embedded and Wireless Systems).
- > Structured PhD and MEngSc programmes.

## Maynooth Education

### Electives Option

See p. 13 for details

# BE Bachelor of Electronic Engineering

CAO Code: **MH304**



## You might also like

Engineering Science in MH201 BSc degree p. 122

Product Design and Innovation p. 175

Robotics and Intelligent Devices p. 166

There is a transfer pathway from 1st year MH201 Science to 2nd year MH304 Electronic Engineering for students who attain the required grades. See section 2 for details.

## Contact us

Maynooth University Department of Electronic Engineering,  
Engineering & BioScience Building

☎ + 353 1 708 6057 / + 353 1 708 6976

✉ [electronic.engineering@mu.ie](mailto:electronic.engineering@mu.ie)

🖱 [www.maynoothuniversity.ie/electronic-engineering](http://www.maynoothuniversity.ie/electronic-engineering)

🐦 @MaynoothEEng

## Course structure

1st year	3rd year	4th year
Students take the same modules in first, second and third year.	3rd year students complete 9 taught modules (5 credits each) over semester 1 & 2, and a community-based PBL (Project Based Learning) module (15 credits) in semester 2.	In fourth year students specialise in one of the following three options, completing their degree with a BE honours: > Electronic Engineering with Computers (COE) > Electronic Engineering (EEG) > Electronic Engineering with Communications (COM)
<b>2nd year</b>	Students have two progression routes out of the programme to qualification, depending on their grade average in third year.	<b>OR</b> Students with a minimum of 2:2 grade (50%) in 3rd year may complete a further 2 years to graduate with an ME in Electronic Engineering.  Work experience is available to students in the 4th year of the 5 year Masters. Students may alternatively choose Erasmus, Study Abroad or a Research Internship or Project (subject to availability).
Optional 10 credit Electives (see p. 13 for details)		

## Possible topics

1st year	2nd year	3rd year	4th year BE Option
<ul style="list-style-type: none"> <li>&gt; Electronic Fundamentals</li> <li>&gt; Digital Systems</li> <li>&gt; Mathematics</li> <li>&gt; Physics</li> <li>&gt; Programming</li> <li>&gt; Systems &amp; Control</li> <li>&gt; Project Based Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Solid State Electronics</li> <li>&gt; Telecommunications</li> <li>&gt; Mathematics</li> <li>&gt; Digital Systems</li> <li>&gt; Programming</li> <li>&gt; Electric Circuits</li> <li>&gt; Project Based Learning (with Business Planning)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Signals &amp; Systems</li> <li>&gt; Mathematics</li> <li>&gt; Software Engineering</li> <li>&gt; Embedded System Control</li> <li>&gt; Community Based Project (PBL – Project Based Learning)</li> </ul>	Select a stream. Set list of modules in each stream: > Electronic Engineering > EE with Computers > EE with Communications > Large Project
<b>4th year – ME option</b>	<b>5th year - ME option</b>		
Select a stream. Set list of modules in each stream: > Electronic Engineering > EE with Computers > EE with Communications  Plus: select from 1 of the following in semester 2 > Research Project > Erasmus or Study Abroad > Work placement (all subject to availability)	<ul style="list-style-type: none"> <li>&gt; Advanced Wireless Communications</li> <li>&gt; Design of Experiments &amp; Data Analysis</li> <li>&gt; Biomedical System Instrumentation</li> <li>&gt; Robotics &amp; Embedded Systems</li> <li>&gt; Large Project completed over semester 1 &amp; 2</li> <li>&gt; Electromagnetic Emissions</li> <li>&gt; Optimization Theory</li> <li>&gt; Advanced Real Time Systems</li> <li>&gt; Advanced Digital System Processing</li> </ul>		

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



# BSc Robotics and Intelligent Devices

CAO Code: **MH306** | CAO Points 2022: **352**

CAO Code: MH306

CAO Points 2022: 352

CAO Points Range 2021: 362-524

Places 2022: 30

Duration: 4 years

Erasmus/Study Abroad Option: Subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: Yes – subject to availability

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English &amp; O3/H7 Mathematics

- > **Robotics and Intelligent Devices focuses on the design, implementation, and use of intelligent physical things in the environment. These include robots, autonomous vehicles, smart sensors, and internet-of-things devices. In the modern world, many of these things are the basis for brand new services or service improvements in areas such as health and wellbeing, assistive living, safety, smart manufacturing, retail and hospitality, among others.**
- > **In addition to strong software skills, students completing the degree in Robotics and Intelligent Devices will develop strong competencies in systems and knowledge of how systems fit together, through areas such as electronic hardware design, signal processing and system control.**
- > **Blending Electronic Engineering and Computer Science, we focus on 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.**
- > **There is a transfer pathway from 1st year MH306 Robotics & Intelligent Devices to 2nd year MH304 Engineering. Students must attain 50% in Mathematics and pass the year. There is no limit on places.**

## Why choose this degree?

- > You will have the opportunity to work with multiple robotic and intelligent device platforms and you will develop a portfolio of projects over the course of your degree programme.
- > You will be taught by world-class experts in the area of robotics, mobile communications, biomedical diagnostics and technologies.
- > You have an interest in some or all of the following: smart homes and smart cities, enabling assisted living in the home, mobile phone and communications technology, collaborative robotics, 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?

- > The development of Robotics, AI, and intelligent device technologies is progressing at a rapid pace and creating demand for new skills. Employment opportunities may be found in sectors such as manufacturing, food science, pharmaceuticals, healthcare, energy, communications, research and less obvious areas such as finance.

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)

# BSc Robotics and Intelligent Devices

CAO Code: **MH306**

- > Possible graduate roles may include robotics engineer, software engineer/developer, embedded systems engineer/developer, intelligent systems architect and intelligence analyst.
- > Students of this programme will benefit from a work placement opportunity in their 3rd year and a portfolio of projects to show to potential employers.
- > Once a student has completed the degree in Robotics and Intelligent Devices they may continue their education in Maynooth, or elsewhere, through postgraduate studies and PhD programmes.

## Contact us

Maynooth University Department of Electronic Engineering,

Engineering &amp; BioScience Building

☎ + 353 1 708 6057 / + 353 1 708 6976

✉ [electronic.engineering@mu.ie](mailto:electronic.engineering@mu.ie)🖱 [www.maynoothuniversity.ie/electronic-engineering](http://www.maynoothuniversity.ie/electronic-engineering)

🐦 @MaynoothEEng

“The course has a really nice blend of electrical engineering and computer science courses, leading to greater opportunities in both career streams. Robotics is a growing industry within Ireland and abroad with a demand for more computer scientists and electronic engineers with a working understanding of artificial intelligence growing every day”

**BRIAN, UNDERGRADUATE**

Sleep Pods - Brian's winning idea as part of a recent MU Library Innovation Award and the #IfStudentsDidLibraries campaign.

## You might also like

Electronic Engineering p. 164

Engineering Science in MH201 BSc degree p. 122

Product Design and Innovation p. 175

## Course structure

1st year	2nd & 3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Students complete a number of modules common with 1st year Electronic Engineering (5 credits each &amp; 1 x 7.5 credit) &amp; 2 Computer Science modules (7.5 credits each)</li> <li>&gt; Over semester 2 students work on a project module titled Robotics Systems (7.5 credits)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Over these 2 years you will develop a strong basis in robotics and intelligent devices</li> <li>&gt; Complete a work placement (subject to availability) or a design challenge in third year.</li> <li>&gt; Students are encouraged to compete in high profile robot competitions and other competitive challenges</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Students choose between robotics and intelligent device thematic large projects</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Electronic Fundamentals</li> <li>&gt; Introduction to Computer Science 1 &amp; 2</li> <li>&gt; Computer Architecture &amp; Digital Logic</li> <li>&gt; Mathematics</li> <li>&gt; Physics</li> <li>&gt; Introduction to Systems</li> <li>&gt; Robotics Systems Project</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Computing for Engineers</li> <li>&gt; Analogue Electronics</li> <li>&gt; Intelligent and Connected Machines in Society</li> <li>&gt; Sensors and Signals</li> <li>&gt; Mathematics</li> <li>&gt; Programming (C++)</li> <li>&gt; Algorithms and Data Structures 1+2</li> <li>&gt; Operating Systems</li> <li>&gt; System Dynamics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Software Engineering</li> <li>&gt; Systems and Signals</li> <li>&gt; Embedded Real-time Systems</li> <li>&gt; Control System Design</li> <li>&gt; Mathematics</li> <li>&gt; Robotics and Automation</li> <li>&gt; 6 month work placement or Design Challenge (subject to availability)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Digital Signal Processing</li> <li>&gt; Computer Control Systems</li> <li>&gt; Machine Learning and Neural Networks</li> <li>&gt; Computer Communications Networks</li> <li>&gt; ASIC, FPGA and High Performance Systems</li> <li>&gt; Autonomous Mobile Robotics</li> <li>&gt; Robotic actuation and sensing</li> <li>&gt; Computer Vision</li> <li>&gt; Large Project</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)



“I’m a proud graduate of Maynooth University and always tell everyone about the institution whenever an opportunity comes. I set foot on the beautiful grounds of Maynooth at the age of 32 through a private scholarship, which I’ll forever be grateful for.

My undergrad equipped me with skills to think critically about inequalities and injustices in our society. It also facilitated networking and involvement with community and youth organisations in our communities and around the country - being part of the change they want to see locally, nationally and beyond.

I currently work as the Coach and Learning Development Worker with The Great Care Co-op, Ireland’s first ever care worker cooperative and an organisation I co-founded with nine other women who worked in the care sector. I am involved in other things alongside my paid work. I’m a Member of the European Commission Expert Group on Migration, Asylum and Integration; I am in the International advisory council of the OSCE/ODIHR on anti-human trafficking and I was recognised as one of the ‘100 Most Influential People of African Descent Under 40 Worldwide 2020’ subsequent to being selected as one of the 12 people in the world to take part in the UN Fellowship for People of African Descent.”

**MARIAAM BHATTI** COURSES: BA (HONS) COMMUNITY AND YOUTH WORK, MASTER OF SOCIAL STUDIES (RIGHTS AND SOCIAL POLICY), DEPARTMENT OF APPLIED SOCIAL STUDIES, MAYNOOTH UNIVERSITY  
COACH AND LEARNING DEVELOPMENT WORKER WITH THE GREAT CARE CO-OP

## HUMANITIES AND SOCIAL SCIENCES SPECIALISED DEGREES

Section  
**7**

<b>MH103</b>	BMus Bachelor of Music	170
	Music and Music Technology are available in the Bachelor of Arts degree MH101 - see <a href="#">section 1</a>	
<b>MH106</b>	BA Psychology	171
	Psychological Studies also available in the Bachelor of Arts degree MH101	106
	BSc Psychology (through Science) MH209	194
<b>MH107</b>	BSocSc Bachelor of Social Science	172
<b>MH109</b>	BA Media Studies	173
	Media & Cultural Studies available in the Bachelor of Arts degree (MH101)	94
<b>MH116</b>	BSocSc Community and Youth Work (full-time)	174
<b>MH305</b>	BSc Product Design and Innovation	175
<b>MH803 BCS</b>	BA Community Studies (part-time, mature)	176
<b>MH803 BLS</b>	BA Local Studies (part-time, mature)	177

**MAYNOOTH UNIVERSITY ENJOYS AN EMINENT REPUTATION AS A CENTRE FOR RESEARCH EXCELLENCE AND INFLUENCE IN THE SOCIAL SCIENCES, AND IS COMMITTED TO SUPPORTING HIGH QUALITY FUNDAMENTAL RESEARCH, PUBLICLY ENGAGED SCHOLARSHIP, EVIDENCE INFORMED POLICY MAKING AND INNOVATION BASED COMMERCE AND ENTERPRISE.**



# BMus Bachelor of Music

CAO Code: **MH103** | CAO Points 2022: **Not applicable**

CAO Code: MH103

CAO Points 2022: Not applicable - restricted application course

CAO Points Range 2021: Not applicable. This is a restricted course – apply before February 1st to the CAO (online video audition - applicants will be advised by the Music Department in March).\*

Places 2022: 25

Duration: 3 years (4 years with optional Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: Yes - see p. 210

Placement Option: No

Leaving

Certificate:

2H5 &amp; 4O6/

H7, Irish,

English &amp; 3rd

language

- > 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 'Popular Music Studies'. Students also join ensembles such as the Chamber Choir, Sinfonia Project 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. 12 for details

## Options after graduation?

- > Music teacher, choral director, church organist/director of music, music librarian, orchestral/session musician, composer/arranger.
- > Arts administration, multimedia, music industry, music journalism, music publicity and recording, radio production and presentation.
- > Management consultancy and information technology.

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, MSc in Sound and Music Computing.

\*As this is a restricted entry degree on the CAO, applicants must be able to demonstrate, during the audition, a minimum of Grade 6 standard (ABRSM, RIAM, Trinity College London) on a standard orchestral instrument (excluding percussion), piano, organ, classical guitar, voice or saxophone, or a minimum of Grade 6 standard (Rockschool, Trinity College London) on bass, drums, vocals, keyboard or guitar (electric or acoustic). Traditional Irish instrumentalists and musical theatre vocalists of a comparable fluency are also invited to audition. Prospective students must complete an online video audition. Please see further details on the Department of Music website. Applicants to MH103 will be sent full details on the assessment process in March annually by the Department of Music. Offers will be made to successful applicants in May, subject to students attaining matriculation requirements in the Leaving Certificate or equivalent examination.

Applicants who have a disability or specific learning difficulty (e.g. dyslexia) and who require examination support should see page 207 for more details.

## Contact us

Maynooth University Department of Music, Logic House

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📍 www.maynoothuniversity.ie/music / 🐦 @MaynoothMusic

## You might also like

Music and Music Technology in Arts (MH101) - see section 1

## Course structure

1st year	2nd & Final year
<ul style="list-style-type: none"> <li>&gt; 45 credits of Music</li> <li>&gt; Choose 1 other subject or Critical Skills from the 4 groups available (excluding groups 2 &amp; 5). See p. 47 for subject groups.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Concentrate on Music only</li> <li>&gt; Students may apply to study overseas after 2nd year (on Erasmus or Study Abroad) and graduate with a BA (International) after 4 years. See the International Office website for details</li> </ul>

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Performance (solo and ensemble)</li> <li>&gt; Music history and culture</li> <li>&gt; Music theory and aural skills</li> <li>&gt; Orchestration</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Performance (solo and ensemble)</li> <li>&gt; Music history; film music; music's cultural and social roles</li> <li>&gt; Composition</li> <li>&gt; Music technology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Performance (solo and ensemble)</li> <li>&gt; Music history, culture, theory and analysis</li> <li>&gt; Music therapy</li> <li>&gt; Music and entrepreneurship</li> <li>&gt; Final year project or performance</li> <li>&gt; Orchestration, arrangement and composition</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BA Psychology

CAO Code: **MH106** | CAO Points 2022: **530**

CAO Code: MH106

CAO Points 2022: 530

CAO Points Range 2021: 554-625

Places 2022: 25

Duration: 3 years (4 years with optional

Erasmus/Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: Yes. See p. 210

Placement Option: No

Leaving Certificate: 2H5 &amp; 4O6/H7,

Irish, English &amp; 3rd language

- > Psychology is the scientific study of mental life and behaviour. It involves areas such as Brain and Behaviour, Social Psychology, Cognitive Psychology, Developmental Psychology and Psychological Research Methods.
- > Students graduate with a Psychological Society of Ireland (PSI) accredited degree.
- > You will study Psychology along with two Arts subjects in first year, concentrating on Psychology only in second and third year.

## Why choose this degree?

- > This degree is accredited by the Psychological Society of Ireland (PSI).
- > 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 that an accredited Psychology degree opens up.

## Maynooth Education

Critical Skills Option | Electives Option

See p. 12 for details

## 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;
- > Organisational Psychologists, who work in business and work settings.

A variety of career paths outside of psychology are also open to graduates. Some graduates choose to pursue postgraduate conversion courses in different fields of interest.

## Contact us

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📍 www.maynoothuniversity.ie/psychology

🐦 @MUpsychdept

## You might also like

Anthropology p. 50

Criminology in Arts (MH101) p. 62

Psychological Studies in Arts (MH101) p. 106

Social Science p. 172

MH209 BSc Psychology p. 194

## Course structure

1st year	2nd & 3rd year
<ul style="list-style-type: none"> <li>&gt; Psychology plus 2 other subjects, 1 of which may be Critical Skills in 1st year – choose from groups 1, 3, 4, 5 on p. 47 (maximum one per group)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; At the end of 1st year, students who do not wish to continue with MH106 have the option of transferring to the Bachelor of Arts degree (MH101) and continuing with their other 2 Arts subjects, or with Psychological Studies and another subject as a Double Major</li> <li>&gt; Students who remain in MH106 concentrate on Psychology in 2nd and 3rd year</li> </ul>

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Biological, Cognitive, Social and Developmental Psychology and Individual Differences</li> <li>&gt; Introduction to Research Design and Analysis in Psychology</li> <li>&gt; Introduction to Practical Experimental Psychology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Cognitive Psychology, Developmental Psychology and Brain and Behaviour</li> <li>&gt; Professional Issues and Considerations in Psychology</li> <li>&gt; Practical Experimental Psychology</li> <li>&gt; Quantitative and Qualitative Research Methods</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Psychology of Learning</li> <li>&gt; Social Psychology</li> <li>&gt; Neuropsychology</li> <li>&gt; Criminal Psychology</li> <li>&gt; Critical Analysis in Contemporary Psychology</li> <li>&gt; Mental Health</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSocSc Bachelor of Social Science

CAO Code: **MH107** | CAO Points 2022: **350**

CAO Code: MH107

CAO Points 2022: 350

CAO Points Range 2021: 390-552

Places 2022: 80

Duration: 3 years (4 years with optional Erasmus/  
Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: Yes - civic engagement option provided  
(subject to availability)Leaving Certificate: 2H5 & 4O6/H7, Irish,  
English & 3rd language

> The Bachelor of Social Science degree (BSocSc) studies how human societies are organised, the social forces, institutions and ideologies that shape society, and the factors that influence the wellbeing of individuals, families, communities, and countries.

> You will learn to analyse contemporary social problems, issues and policy responses, related to poverty and social exclusion, drugs, criminal justice, housing, migration, ethnicity, disability ageing and gender. A key focus is on how to address inequality and promote rights and entitlements to services for all. You will also learn about social professions such as social work, community work and youth work, and may pursue postgraduate opportunities in these fields at Maynooth as a postgraduate.

> The degree is organised as a double major programme with the core subject of Social Policy and one of the following subjects: Sociology, Philosophy, History, Anthropology, Geography or Economics. The core subject of Social Policy focuses on government and institutional policies concerned with human needs and welfare in the broadest sense, and how these needs are addressed.

## Why choose this degree?

- > Social Policy is available to study only in the Bachelor of Social Science degree.
- > This subject is the basis for careers in policy research and policy analysis.
- > This degree is prescribed as the basis for undertaking a Master's in Social Work.
- > The scope of the course includes key topics like class, gender, religion, race, ethnicity, sexuality, disability and ageing. It also covers policy issues such as poverty, child and family policy, housing, criminal justice and drugs.

## Maynooth Education

Critical Skills Option | Electives Option  
See p. 12 for details

## Options after graduation?

- > Graduates pursue careers in policy analysis, social research and social professions (social work, community work and youth work).
- > Our graduates are also found in management and public administration, the NGO sector, journalism, the media and social research.
- > Graduates can take the National Qualification in Social Work at master's level (for more information visit [www.coru.ie](http://www.coru.ie)).
- > Postgraduate study options also include the MSocSc Social Science (Rights and Social Policy), MSocSc (Community and Youth Work) and MSocSc (Social Work).

## Contact us

Maynooth University Department of Applied Social Studies,  
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☎ + 353 1 708 3743 / + 353 1 708 4574

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🖱 [www.maynoothuniversity.ie/applied-social-studies](http://www.maynoothuniversity.ie/applied-social-studies)

🐦 @MUAppSocSc

## You might also like

[Anthropology p. 50](#)

[Community and Youth Work p. 174](#)

[Local / Community Studies p. 176](#)

## Course structure

	1st year	2nd & Final year
> The core subject is Social Policy – only available in the BSocSc degree	> Social Policy, Sociology, Critical Skills for Social Sciences and 1 of the following subjects: Anthropology, Economics, Geography, History or Philosophy	> Continue with Social Policy and 1 of your 1st year subjects as a Double Major Bachelor of Social Science degree > Optional 10 credit Electives in second year (see p. 13 for details)

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Critical Skills for Social Science e.g. analysis, communication</li> <li>&gt; Social Policy – an introduction</li> <li>&gt; Sociology (Contemporary Irish Society, Sociological Imagination)</li> <li>&gt; Additional studies in sociology or in another social science discipline</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Social Policy               <ul style="list-style-type: none"> <li>- Advanced Social Policy</li> <li>- Policy Research and Analysis</li> <li>- Political Economy of the Welfare State</li> <li>- Child and Family Policy</li> <li>- Engaging with Civil Society: Justice, Welfare and Environment</li> <li>- Case Studies in Social Policy: Drugs and Criminal Justice</li> <li>- Comparative and European Social Policy</li> </ul> </li> <li>&gt; Studies in another social science discipline</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Social Policy</li> <li>&gt; Linking Equality and Social Inclusion</li> <li>&gt; Social Policy and Gender, Social Policy and Ageing</li> <li>&gt; The Social Professions</li> <li>&gt; Social Policy and Welfare States in Times of Change</li> <li>&gt; Social Policy and Philosophical Questions</li> <li>&gt; Environment, Sustainability and Social Justice</li> <li>&gt; Dissertation</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BA Media Studies

CAO Code: **MH109** | CAO Points 2022: **371**

CAO Code: MH109

CAO Points 2022: 371

CAO Points Range 2021: 324-532

Places 2022: 40

Duration: 3 years (4 years with optional Erasmus/  
Study Abroad)

Erasmus/Study Abroad Option: Yes

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: No

Leaving Certificate: 2H5 & 4O6/H7, Irish,  
a third language & H5 English

> On the BA Media Studies, you'll combine creative and practical storytelling with the development of your critical understanding of media, a vital skill since media industries are constantly expanding with new platforms emerging each year and new issues materialising like fake news.

> You'll get to research and analyse media cultures, genres and industries as well as the role of media in society and politics, and then you'll apply this in your practice of media design and production and interactive storytelling.

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

> Media Studies can be combined with Computer Science to develop a broad expertise in Media Technologies.

## Why choose this degree?

- > To gain practical experience through hands-on instruction in creative media practice.
- > To learn about the impact of a range of media forms in society, culture and politics.
- > To broaden your educational experience by studying Media Studies along with Arts subjects (such as languages, business, social sciences, computer science).

## Maynooth Education

Critical Skills Option | Electives Option

See p. 12 for details

## Options after graduation?

- > Graduates emerge with a range of practical, critical and transferable skills that enhance their employability in areas including: film, television and radio production; web and graphic design; content creation; social media; marketing, PR and communications; media research; IT.
- > Our graduates have taken up positions at RTÉ, Virgin Media, BBC One, Cartoon Saloon, Brown Bag Films, Microsoft, Accenture, BBDO, Version1. In addition, graduates have become independent creative professionals in web-design, film-making and content creation.

## Postgraduate study 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

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🖱 [www.maynoothuniversity.ie/media-studies](http://www.maynoothuniversity.ie/media-studies)

Find us on Facebook and Twitter

🐦 @MU\_MediaStudies

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## You might also like

[Anthropology p. 50](#)

[English p. 66](#)

[Media & Cultural Studies \(MH101 Bachelor of Arts subject\) p. 94](#)

[Product Design and Innovation p. 175](#)

## Course structure

1st year	2nd & Final year
<ul style="list-style-type: none"> <li>&gt; 30 credits of Media Studies theory and practice modules</li> <li>&gt; Choose 2 other Arts subjects from groups 1-5. The only compatible double subject is Mathematics (Pure). See p. 47 for compatible subjects</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Media Studies and another subject either as a Double Major or Major/Minor</li> <li>&gt; 2nd year optional 10 credit Electives (see p. 13 for details)</li> </ul>

Erasmus/study Abroad option after  
2nd year

## Possible topics

1st year	2nd year	3rd year
<ul style="list-style-type: none"> <li>&gt; Introduction to Media Studies</li> <li>&gt; Media Design</li> <li>&gt; Media Production</li> </ul>	<ul style="list-style-type: none"> <li>You'll engage in TV production, interactive storytelling and the study of media theories. You'll also be able to choose specialist topics such as TV studio production, mobile journalism, scriptwriting, advertising, media and gender and media and politics among others.</li> </ul>	<ul style="list-style-type: none"> <li>You'll get to choose what capstone project you do: short film production or digital team project. You'll also develop your employability by engaging in professional development modules that help you prepare for the working world. And you can take a number of specialist modules like live radio, global cinema, media law, podcasting and authorship in film and TV among others.</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# BSocSc Community and Youth Work (full-time)

CAO Code: **MH116** | CAO Points 2022: **Not applicable**

**CAO Code:** MH116

**CAO Points 2022:** Not applicable - restricted application course – assessment/interviews required

**CAO Points Range 2021:** Not applicable - restricted application course – assessment/interviews required

**Places 2022:** 30

**Duration:** 3 years (full-time)

**Erasmus/Study Abroad Option:** Subject to availability

**Mature Applicants:** 23 years or older of the year of entry

**UK, EU & International Applicants:** See p. 214

**QQI Link:** See p. 210

**Placement Option:** Fieldwork placements integral to programme

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & 3rd language. Restricted application course – apply to the CAO by February 1st.

> **Community Work is the development and empowerment of communities, through the active participation of people in addressing issues that affect them collectively; Youth Work is defined in Irish legislation and policy as a process of personal and social development based on voluntary participation and principles of equality and inclusiveness.**

> **Full-time, level 8 honours degree in Community and Youth Work - 14 weeks of full-time supervised fieldwork in each year of the degree; remainder of year full-time on campus.**

> **A range of topics relating to community and youth work are studied in all three years of the programme. Supervised fieldwork in both community work and youth work is essential for all students.**

> **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.

## Options after graduation?

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 study options in the Department include the MSocSc (Rights and Social Policy) and the MSocSc (Social Work).

## Application procedure for all applicants to MH116

As this is a restricted course on the CAO, all applicants to MH116 will be requested to submit a personal statement outlining their reasons for wanting to do this course (in no more than 350 words), submit two written references and information on work experience. Applicants will also be invited to undertake a written assessment in March.

Shortlisted applicants are invited to an individual and a group interview in April. All applicants must have relevant and verifiable experience in youth work and/or community work or equality work or relevant social activism.

**Note 1:** 50% of places are reserved for appropriately experienced mature students.

**Note 2:** Any offer of a place on this programme is subject to a satisfactory background check by the National Vetting Bureau. More information for Mature Applicants on page 208.

## Contact us

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🖱 [www.maynoothuniversity.ie/applied-social-studies](http://www.maynoothuniversity.ie/applied-social-studies)

🐦 @MUAppSocSc

## Course structure

> The MH116 degree combines 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.

> Full-time, level 8 honours degree in Community and Youth Work - 14 weeks of full-time supervised fieldwork in each year of the degree; remainder of year full-time on campus

## Possible topics

### 1st year

> Community and Youth Work Principles and Practices  
> 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

# BSc Product Design and Innovation

CAO Code: **MH305** | CAO Points 2022: **362**

**CAO Code:** MH305

**CAO Points 2022:** 362

**CAO Points Range 2021:** 326-589

**Places 2022:** 40

**Duration:** 4 years

**Erasmus/Study Abroad Option:** Yes - subject to availability

**Mature Applicants:** See p. 208

**UK, EU & International Applicants:** See p. 214

**QQI Link:** See p. 210

**Placement Option:** Yes – subject to availability

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, Physics with Chemistry, Engineering, Technology, Construction Studies or Design and Communication Graphics) and O3/H7 Mathematics

> **A highly practical course, with an emphasis on project-based learning, workshops, laboratory sessions and group work.**

> **Opportunity to take a six-month, full-time work experience placement, in a relevant employment setting.**

> **Students acquire a broad understanding of product design and innovation from both an engineering and a marketing point of view - leading you to create solutions that balance business viability, human desirability and technical feasibility.**

## Why choose this degree?

> As a student of Product Design and Innovation, you will learn to harness your creative, artistic, and problem-solving skills. You will also gain a relevant understanding of technology and materials, and a sensitive awareness of human needs and behaviour through user-centred design. You will learn to combine these abilities to create products that satisfy, even delight, users. You will acquire an understanding of Product Design and Innovation from both an engineering and a marketing point of view.

> You will learn from accomplished designers and design entrepreneurs - people who have experience designing in sports equipment, medical devices, user interfaces and consumer electronics and homeware – as well as having impeccable academic credentials.

## Options after graduation?

Product designers are key to innovation in the modern world. As technological competence spreads globally, businesses are placing greater focus on achieving market success through design. Graduates understand and drive innovation in many spheres of life, especially those involving design and technology, its application or assessment.

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

Some graduates 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, Rye Hall

☎ + 353 1 708 6634

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🖱 [www.maynoothuniversity.ie/design-innovation](http://www.maynoothuniversity.ie/design-innovation)

🐦 @MaynoothDesign

## You might also like

MH101 Business (Management) in the Bachelor of Arts degree p. 54

MH304 BE Electronic Engineering p. 164

MH306 Robotics & Intelligent Devices p. 166

MH404 BMA BBS Business and Management p. 133

MH411 BBS Entrepreneurship p. 139

## Course structure

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

> All students can take a 6-month, full-time, work experience placement in 3rd year or alternatively may opt to participate in the Erasmus/Study Abroad student exchange programme, completing a semester in another EU 3rd level institution (subject to availability)

## Possible topics

### 1st year

> Creative thinking and design  
> Core design skills (sketching, prototyping, presentation)  
> Introduction to embedded electronic engineering  
> Maths, physics and material science  
> Computer aided design

### 2nd year

> Core design skills  
> Universal design  
> Usability, ergonomics and aesthetics  
> Visual communication & portfolio  
> Design history and culture  
> Manufacturing processes  
> Marketing management  
> Service design

### 3rd year

> Ethnography  
> Design for environment and sustainability  
> Design project with industry  
> Industry Erasmus/Study Abroad  
> Human computer interaction

### Final year

> Advanced materials and design for manufacture  
> Innovation management  
> Keystone design projects  
> Systematic design methods for innovation

# BA Community Studies (part-time, evening)

CAO Code: **MH803 BCS** | CAO Points 2022: **Not applicable**

**CAO Code:** MH803 BCS

**CAO Points 2022:** Not applicable – mature students only (21 years or more)

**CAO Points Range 2021:** Not applicable – mature students only (21 years or more)

**Places 2022:** 30 (MH803)

**Duration:** 4.5 years (part-time)

**Erasmus/Study Abroad Option:** No

**Mature Applicants:** Applicants must be 21 years or older on 1 January of the year of entry. Application through the CAO. Selected candidates are invited for interview. See our website for details (link in Contact us).

**UK, EU & International Applicants:** See p. 214

**QQI Link:** No

**Placement Option:** No

**Leaving Certificate:** Not applicable.

Only open to mature applicants aged 21 years or older.

- > **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 Studies) is specifically designed for Adults 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.

## 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 Adult and Community Education, Anthropology, Applied Social Studies and Sociology.
- > Progression to the Professional Master of Education for Secondary School teaching or the HDip. in Further Education and Training or the MEd in Adult and Community Education.

## Contact us

Maynooth University Department of Adult and Community Education

☎ + 353 1 708 6062 / + 353 1 708 3948

✉ evening.degrees@mu.ie

👉 www.maynoothuniversity.ie/adult-and-community-education

🐦 @mu\_aced

## You might also like

Anthropology p. 50

BSocSc Community and Youth Work (full-time) p. 174

Sociology p. 108

BA Bachelor of Arts degree MH101 - see [section 1](#)

## 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:

- > Contemporary Youth Work Issues
- > Creativity and Performing Arts
- > Disability Studies
- > Substance Misuse and Dependence
- > Housing and Community
- > Group Facilitation Skills

# BA Local Studies (part-time, evening)

CAO Code: **MH803 BLS** | CAO Points 2022: **Not applicable**

**CAO Code:** MH803 BLS

**CAO Points 2022:** Not applicable – mature students only (21 years or more)

**CAO Points Range 2021:** Not applicable – mature students only (21 years or more)

**Places 2022:** 30 (MH803)

**Duration:** 4.5 years (part-time)

**Erasmus/Study Abroad Option:** No

**Mature Applicants:** Applicants must be 21 years or older on 1 January of the year of entry. Application through the CAO. Selected candidates are invited for interview. See our website for details (link in Contact us).

**UK, EU & International Applicants:** See p. 214

**QQI Link:** No

**Placement Option:** No

**Leaving Certificate:** Not applicable.

Only open to mature applicants aged 21 years or older.

- > **Local Studies as a part-time (evening) interdisciplinary degree for mature applicants only (21 years or more).**
- > **Departments involved are History, Geography, Classics, Centre for Irish Cultural Heritage, Adult and Community Education and Anthropology.**

## 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 or the MA in Local History (incorporating Historic Irish Houses and Local History).

## Contact us

Maynooth University Department of Adult and Community Education

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🐦 @mu\_aced



## You might also like

Greek and Roman Civilization p. 80

Geography p. 76

History p. 82

BA Bachelor of Arts degree MH101 - see [section 1](#)

## 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





“I graduated from the LL.B. Bachelor of Laws programme in 2014. That June, I was awarded a place on the Superior Courts internship organised by the Chief Justice of Ireland and Maynooth University. I was assigned to a Supreme Court judge for the duration of this programme and got invaluable experience in the inner workings of the Irish judicial system. Maynooth University has also secured internships with some of Ireland’s leading corporate law firms, and I was fortunate to undertake an eight-month placement with one of them. I then went on to qualify as a solicitor with the same firm.

I moved to London shortly after to work within the fashion industry as in-house legal counsel for IMG. I worked on contracts for fashion shows, photo shoots, advertising campaigns and product endorsements for models, hair and make-up artists, and photographers. Having gained invaluable experience working at IMG, I then took up my current role as legal counsel for Charlotte Tilbury.

The course diversity within Maynooth University’s law courses, allowed me to tailor my degree to the legal areas pertinent for a career within the fashion and beauty industries. My involvement in various clubs and societies (including Maynooth Law Society; Free Legal Advice Clinic (FLAC); and Mooting), allowed me to build my CV while at university and contributed greatly to my development as a solicitor.

I could not have achieved all that I have without the brilliant lecturers at Maynooth University who have created vital links for their students into the legal profession. They are deeply committed to their students, and without their guidance and mentorship, I would not be in the career that I love today.”

**REBECCA REID** LLB BACHELOR OF LAWS, 2014  
LEGAL COUNSEL AT CHARLOTTE TILBURY

“Studying Law and Arts (MH502) in Maynooth University provides students with the opportunity to pursue a degree which is tailored to their needs as well as the opportunity to undertake an Erasmus year in third year. By choosing Law and French, I gained a strong understanding of the legislative process and legal system in Ireland as well as immersing myself in the French language.

I graduated in 2018 and I am now a trainee solicitor in a leading criminal defence firm.”

**AOIFE DALTON**  
BCL LAW AND FRENCH GRADUATE

## LAW SPECIALISED DEGREES

Section  
**8**

<b>MH501</b>	LLB (Law)	180
<b>MH502 LWA</b>	BCL (Law and Accounting)	181
<b>MH502 LWB</b>	BCL (Law and Business)	182
<b>MH502 LWC</b>	BCL (Law and Criminology)	183
<b>MH502 LWD</b>	BCL (Law and Arts)	184

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.**

## LLB Law

CAO Code: **MH501** | CAO Points 2022: **496**

CAO Code: MH501  
 CAO Points 2022: 496  
 CAO Points Range 2021: 509-601  
 Places 2022: 55  
 Duration: 4 years

Erasmus/Study Abroad Option: Yes - subject to availability  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 QQI Link: See p. 210  
 Placement Option: Yes - subject to availability

Leaving Certificate: 2H5 & 4O6/H7, Irish & English

- 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.
- Enhance employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.

## Why choose this degree?

- The LLB (MH501) is a four-year degree almost exclusively in law. It will be of particular interest if you wish to study law in depth and detail. MH501 provides you with a wider selection of law modules than MH502, the BCL, and is one year longer than the latter degree.
- This law degree is accredited by the Honorable Society of the King's Inns.
- Students may apply to complete a work placement year in a law firm (subject to availability) or a year studying abroad at one of our international partner institutions (subject to availability).
- This is an innovative programme with a strong emphasis on the development of verbal and written advocacy skills through applied modules such as legal writing, negotiation and dispute resolution.
- Future-proof your degree with our exciting new modules in Law and Technology in each of years 2-4.
- Get involved in our numerous student societies such as: the student Law Society, European Law Students' Association or Student FLAC (Free Legal Advice Centre) Society.

## Options after graduation?

- Graduates of this programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- Studying law also opens up a whole range of career options outside of being a lawyer such as: journalism; policy development; business and finance; management consulting; the Non-Governmental Organisation (NGO) sector; and national and international public administration (such as with the EU or UN).
- The School of Law and Criminology offers a wide range of postgraduate study options from Criminology to International Business Law.

## Contact us

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 Follow us on Twitter, Instagram and LinkedIn @maynoothlaw

## You might also like

- MH101 Law and Criminology in the Bachelor of Arts degree - see section 1
- MH502 BCL (Law and Accounting) p. 181
- MH502 BCL (Law and Arts) p. 184
- MH502 BCL (Law and Business) p. 182
- MH502 BCL (Law and Criminology) p. 183

## 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	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>➤ Core modules such as Criminal Law, Constitutional Law, and Contract Law</li> <li>➤ Legal Skills</li> <li>➤ Critical skills modules, like Legal Writing and Advocacy</li> <li>➤ Practical modules, like Negotiation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Core modules such as EU Law, Evidence and Administrative Law</li> <li>➤ Law and Technology</li> <li>➤ Critical skills modules, like Innovation in Professional Practice</li> <li>➤ Practical modules, like Moot Court</li> </ul>	<ul style="list-style-type: none"> <li>➤ Core modules such as Property Law and Equity</li> <li>➤ New Perspectives on Law and Technology</li> <li>➤ Critical skills modules, like Dispute Resolution</li> <li>➤ Optional modules include Media Law, International Justice and Family Law</li> </ul>	<ul style="list-style-type: none"> <li>➤ Business and Finance (e.g. Tax Law, Banking and Financial Law)</li> <li>➤ Human Rights and Justice (e.g. Civil Liberties, Criminology)</li> <li>➤ Transnational Regulation (e.g. Intellectual Property, Transnational Litigation)</li> <li>➤ Company Law</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

## BCL (Law and Accounting)

CAO Code: **MH502 LWA** | CAO Points 2022: **452**

CAO Code: MH502 LWA  
 CAO Points 2022: 452  
 CAO Points Range 2021: 465-602  
 Places 2022: 175 (MH502)  
 Duration: 3 years

Erasmus/Study Abroad Option: Yes - subject to availability  
 Mature Applicants: See p. 208  
 UK, EU & International Applicants: See p. 214  
 QQI Link: See p. 210  
 Placement Option: Yes - subject to availability

Leaving Certificate: 2H5 & 4O6/H7, Irish & English & O4/H7 Mathematics\*  
 \* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWA  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- Embark on the route to becoming a professional in accounting or law, both of which offer a rewarding career with international mobility and high earning potential.
- Enhance your employability by developing your faculties for argument, reasoning and for the analysis of complicated ideas.
- Acquire key financial and accounting skills alongside a thorough grounding in core law subjects. Become a highly sought-after law and accounting graduate with the technical and transferable skills needed to succeed in your chosen career.
- Engage with expert faculty, who foster an engaging, friendly, supportive and dynamic learning environment.

## Why choose this degree?

- This programme is jointly accredited by both the legal and accounting professions. 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, CIMA, and CPA professional accounting bodies. This law degree is accredited by the Honorable Society of King's Inns.
- This option is designed for students who would like to study law while gaining 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 either of these fields.
- You will acquire key financial and accounting skills alongside a thorough grounding in core law subjects.
- 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).

## Options after graduation?

- The numeracy skills, coupled with an ability to think critically and analytically, which are developed on this programme, are invaluable assets in a wide range of careers. Graduates have successful and rewarding careers in accounting, banking and the financial services sector generally, as well as financial research and teaching.
- Graduates of the BCL programme, wishing to pursue a career in accounting, will be in a position to enter professional training and avail of certain exemptions from the professional accounting bodies.
- Graduates of the BCL programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- Postgraduate study options at the School of Law and Criminology and the School of Business have a strong international focus to reflect the increasingly global nature of accounting, law and legal practice. Options currently include the LL.M. (International Business Law) and LL.M. (Global Legal Studies). Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

## Contact us

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## You might also like

- Specialised Accounting degrees - see section 3
- Other BCL Law degrees and our LLB degree - see section 8
- MH101: Accounting and Law as subjects in the Bachelor of Arts degree - see section 1

## Course structure

- Accounting is taken jointly with Law for the three years of the programme, with a wide range of accounting and legal subjects being studied.
- Students take the core modules required for professional legal and accounting careers, but also choose from a range of optional modules. No prior knowledge of accounting or law is required, as we teach both subjects from first principles.
- A number of modules focus on developing critical skills (legal writing, advocacy, financial literacy and communication skills).
- You can apply for a work placement in a law or accounting firm, or for a year studying abroad, during your degree (subject to availability).

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>➤ Core modules like Criminal Law, Contract Law, Introduction to Accounting, and Fundamentals of Finance</li> <li>➤ Critical skills modules, like Legal Research Methods</li> <li>➤ Practical skills, participating in mock trials</li> </ul>	<ul style="list-style-type: none"> <li>➤ Core modules like Company Law, Financial and Management Accounting and Taxation</li> <li>➤ Critical skills, analysing materials in tutorials and seminars</li> <li>➤ Practical skills, like participating in negotiation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Core modules like Property Law, Management Accounting, Financial Accounting and Finance</li> <li>➤ Critical skills, analysing the philosophy of law, and the ethics of corporate governance</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student



# BCL (Law and Business)

CAO Code: **MH502 LWB** | CAO Points 2022: **452**

CAO Code: MH502 LWB

CAO Points 2022: 452

CAO Points Range 2021: 465-602

Places 2022: 175 (MH502)

Duration: 3 years

**Erasmus/Study Abroad Option:** Yes – subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English & O4/H7 Mathematics\*

\* Students admitted to MH502 are required to have O4/H7 Mathematics to register for LWB

**OPC: Open Choice Option**

Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- > This degree combines the equal study of two related disciplines, Law and Business, making it particularly attractive for those considering a career in the commercial world.
- > This degree combines the best elements of the University's degrees in Business and Management and in Law to ensure students graduate with the maximum range of career options, both in Law and in Business and Management.
- > The defining feature of this degree is the skill-set which it provides students; you will enhance your employability by developing your faculties for argument and reasoning, for clear thinking, for the analysis of complicated ideas and for understanding the commercial context in which the law operates.

## Why choose this degree?

- > This law degree is accredited by the Honorable Society of King's Inns.
- > Law and Business students at Maynooth are offered unparalleled flexibility and choice. Students have the option of taking a four year degree with a work placement or study year abroad (subject to availability), thus combining what you learn in university with insights into industry (legal or commercial) or another culture. Students who successfully complete 1st year also have the option of transferring into the 2nd year of the LLB degree (MH501).
- > The BCL is a three-year degree in law combined with one other subject, in this case Business. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in business. The main advantage is that it allows you to combine the study of law with learning in business. This combination is ideal for those who may wish to run their own practice, to work in a setting where law is applied, to work in a business itself, or to practice commercial law.
- > Business 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.

## Options after graduation?

- > Graduates of this programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- > Business graduates are consistently among the most employable in the Irish education system. This degree opens up a whole range of career options in addition to 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.
- > Both the School of Business and the School of Law and Criminology offer a range of postgraduate programmes for BCL (Law and Business) graduates.

## Contact us

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## You might also like

MH101 Law and Business as subjects in the Bachelor of Arts degree - see section 1

Our range of specialised Business degrees - see section 3

## Course structure

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>&gt; Business is taken jointly with Law for the three years of the programme, with a wide range of business and legal subjects being studied.</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Some students may choose to complete a work placement or study abroad year between 2nd and 3rd year and graduate after the 4th year (subject to availability).</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB degree MH501 or 2nd year of the BBS Business and Management degree. An introductory accounting module must be taken in semester 1 of 2nd year (in the case of the latter degree).</li> </ul> |
|---|---|--|

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Core areas like Business Models and Marketing, and Criminal Law</li> <li>&gt; Critical skills modules like Legal Research Methods and Managing Innovation</li> <li>&gt; Practical skills through participating in mock trials</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Core areas like Company Law, Management Information Systems, and Human Resource Management</li> <li>&gt; Critical skills like analysing materials in tutorials and seminars</li> <li>&gt; Range of optional modules from which to choose, including Commercial Law, Project Management, and International Business</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Core areas like Property Law, Strategic Management, and Human Resource Management</li> <li>&gt; Critical skills, like analysing the philosophy of law</li> <li>&gt; Optional modules, including Innovation Management, Media Law, Contemporary Issues in Marketing, and Employment Law</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student

# BCL (Law and Criminology)

CAO Code: **MH502 LWC** | CAO Points 2022: **452**

CAO Code: MH502 LWC

CAO Points 2022: 452

CAO Points Range 2021: 465-602

Places 2022: 175 (MH502)

Duration: 3 years

**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English**OPC: Open Choice Option**

Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- > Law is taken jointly with Criminology for the three years of the programme.
- > Students acquire a thorough grounding in the fundamental areas of legal study: including foundational legal principles; legal systems; and the role of Irish, European, and international law.
- > By studying Criminology, students examine the causes of crime and society's reaction to criminality.

## Why choose this degree?

- > Maynooth University is one of the few Universities in Ireland to offer the option of studying law with criminology as part of an accredited law degree.
- > This is a unique interdisciplinary programme offering perspectives from sociology, psychology and economics, as well as law.
- > Taught by leading international experts in the field with research interests in prisons, the death penalty, human trafficking, counter-terrorism and mental health.
- > The BCL is a three-year degree in law combined with one other subject. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in another subject. The main advantage is that it allows you to combine the study of law with study of another discipline.

## Maynooth Education

### Critical Skills Option

See p. 12 for details

## Options after graduation?

- > Graduates of this programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- > This programme allows students with an interest in law to broaden their career prospects into the criminal justice world, opening up potential careers in the Gardaí, security services, data analytics, probation, the prison service, the Non-Governmental Organisation (NGO) sector and research institutes.
- > The School of Law and Criminology also offers a range of postgraduate study options in related fields such as an MA (Comparative Criminology and Criminal Justice) and LL.M. (International Justice).

## Contact us

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## You might also like

MH501 LLB (Law) p. 180

MH502 BCL (Law and Accounting) p. 181

MH502 BCL (Law and Business) p. 182

MH502 BCL (Law and Arts) p. 184

Criminology and Law in the Bachelor of Arts degree - see section 1

## Course structure

- |  |  |   |  |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>&gt; Law is taken jointly with Criminology for the 3 years of the programme.</li> </ul> | <ul style="list-style-type: none"> <li>&gt; 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 (MH501).</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Continue with 30 credits of Law and 30 credits of Criminology in 2nd and 3rd year.</li> </ul> | <ul style="list-style-type: none"> <li>&gt; 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.</li> </ul> |
|--|--|---|--|

## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Core modules such as Criminal Law, Constitutional Law, and Contract Law</li> <li>&gt; Exploring Criminology: What is crime? What is theory and why is it important? Spotlights on key crime categories such as homicide and terrorism. Key skills to study criminology at university level.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Introduction to different models of criminal justice and the key personnel (police, judiciary, prison officers) involved in the criminal justice system</li> </ul>	<ul style="list-style-type: none"> <li>&gt; EU Law and Company Law alongside various law options</li> <li>&gt; Core modules such as Criminological Theory, Policing, and Crime and the Media</li> <li>&gt; Optional modules such as Gender and Crime and Ethnicity, Crime and Punishment</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  on webchat  ask a student



# BCL (Law and Arts)

## CAO Code: MH502 LWD | CAO Points 2022: 452

**CAO Code:** MH502 LWD**CAO Points 2022:** 452**CAO Points Range 2021:** 465-602**Places 2022:** 175 (MH502)**Duration:** 3 years**Erasmus/Study Abroad Option:** Yes - subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** See p. 210**Placement Option:** Yes – subject to availability**Leaving Certificate:** 2H5 & 4O6/H7, Irish & English**OPC: Open Choice Option**

Up to 4 weeks to decide on MH502 degree stream (entry requirements apply)

- Students can choose from a wide range of Arts subjects including languages and other areas within the humanities and social sciences.
- 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.

### Why choose this degree?

- This law degree is accredited by the Honorable Society of King's Inns.
- Choose from a broad range of Bachelor of Arts subjects to best match your interests.
- 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).
- The BCL is a three-year degree in law combined with one other subject. While the BCL covers all the core modules of law, you cover less law than on the LLB (MH501), giving you more time to develop expertise in another subject. The main advantage is that it allows you to combine the study of law with study of another discipline.
- Students may apply to complete a work placement year in a law firm (subject to availability) or a year studying abroad at one of our international partner institutions (subject to availability).

### Maynooth Education

#### Critical Skills Option

See p. 12 for details

### Options after graduation?

- Graduates of this programme will be in a position to take exams for entrance to the Honorable Society of King's Inns in order to begin training as a barrister and are eligible to progress to take the Law Society of Ireland's FE1 examinations to begin training as a solicitor.
- Studying law also opens up a whole range of career options in addition to 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 School of Law and Criminology offers a wide range of postgraduate study options from Criminology to International Business Law. Departments offering Arts subjects typically provide postgraduate opportunities at Master's and Doctoral levels.

### Contact us

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### You might also like

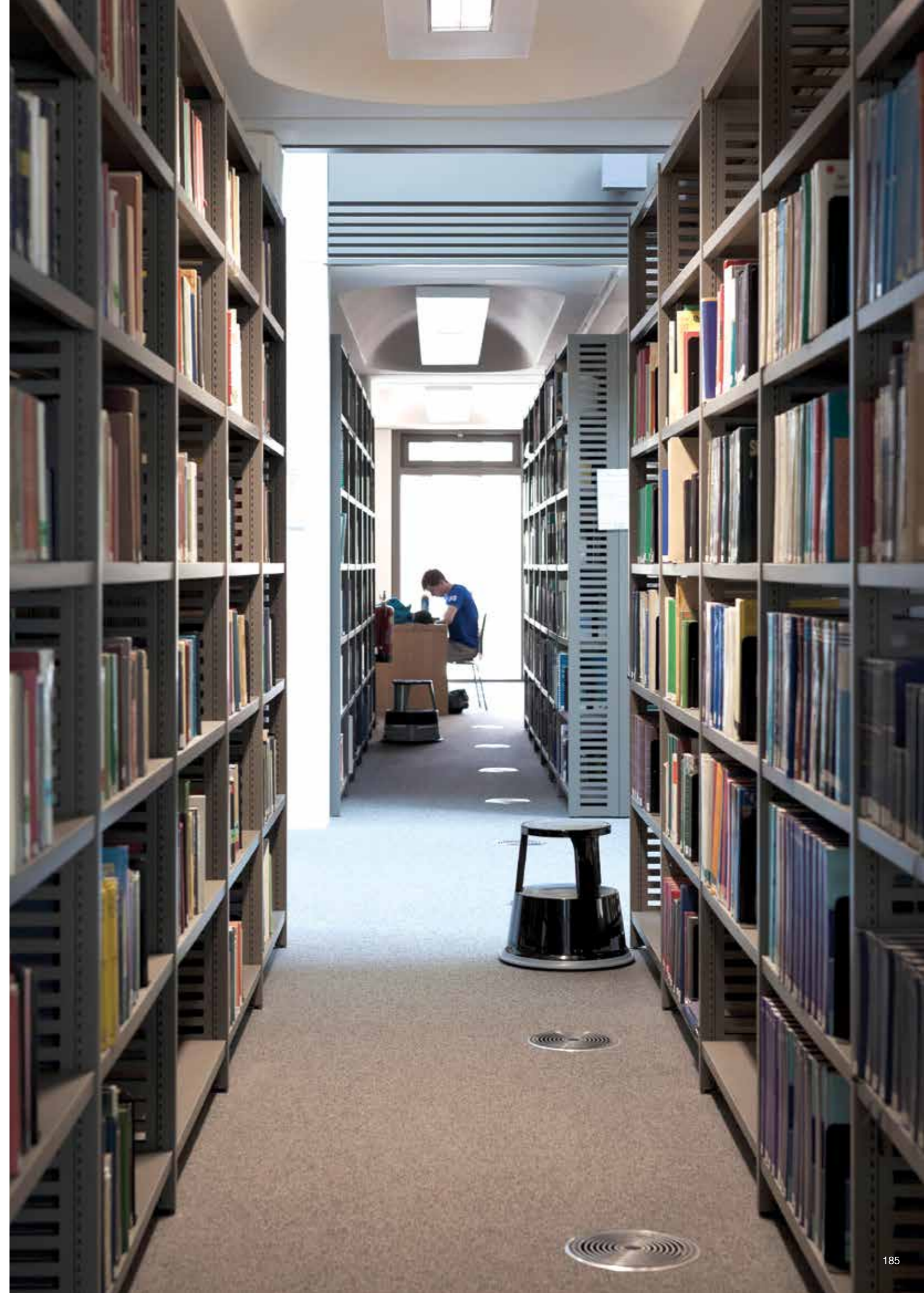
[MH501 LLB \(Law\) p. 180](#)[MH502 BCL \(Law and Accounting\) p. 181](#)[MH502 BCL \(Law and Business\) p. 182](#)[MH502 BCL \(Law and Criminology\) p. 183](#)[Law and Criminology in the Bachelor of Arts degree - see section 1](#)

### Course structure

1st year	2nd year & Final year
<ul style="list-style-type: none"> <li>➤ 30 credits of Law with up to 2 Arts subjects which may include Critical Skills</li> </ul>	<ul style="list-style-type: none"> <li>➤ Continue in 2nd and 3rd year with at least 30 credits of Law and 30 credits of your chosen subject from 1st year (excluding Critical Skills)</li> <li>➤ You may apply to complete a work placement year, or a study abroad year, after 2nd year, and graduate after 4 years (subject to availability). Students who successfully complete the 1st year of the programme have the option of transferring into the 2nd year of the LLB programme (MH501)</li> <li>➤ Students who opt to spend a year studying abroad are awarded a BCL (International) degree</li> </ul>

### Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>➤ The nature of legal systems, and how laws are made nationally and internationally</li> <li>➤ The role of lawyers, judges, legislators, and other actors in the legal system</li> <li>➤ The laws relating to crime, negligence, and privacy</li> </ul>	<ul style="list-style-type: none"> <li>➤ The laws relating to evidence, and building a legal case</li> <li>➤ The laws relating to business and companies</li> <li>➤ EU and international law</li> </ul>	<ul style="list-style-type: none"> <li>➤ The laws relating to the family, media, and property</li> <li>➤ International law and justice</li> <li>➤ The theory of laws and legal systems</li> </ul>







“Hi, I’m Caytlin. I’ve been a student at Maynooth University for the last eight years. I completed my undergraduate degree in Pharmaceutical and Biomedical Chemistry here and this coming autumn, I’ll be finishing up a PhD in Analytical Chemistry. Next year, I’m hoping I can stay in Maynooth as a postdoctoral researcher within the Chemistry Department.

Maynooth University was the best choice for me and my education. While studying here I met some of my best friends, gained so much confidence and have been offered so many opportunities. Being involved with the Chemistry Department in particular has opened so many doors for me in terms of my education and career and I have Maynooth University to thank for this.

I couldn’t recommend the undergraduate science courses here more.”

**CAYTLIN BOYLAN** PHD CANDIDATE,  
ANALYTICAL CHEMISTRY

## SCIENCE SPECIALISED DEGREES

Section  
**9**

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**OUR RESEARCH DRAWS ON THE  
UNIQUE EXPERTISE ACROSS A  
WIDE RANGE OF DISCIPLINES  
AT MAYNOOTH UNIVERSITY. WE  
AIM TO TRANSLATE RESEARCH  
TO EFFECTIVE THERAPIES AND  
OUTCOMES WITH THE SUPPORT OF  
INDUSTRY PARTNERS, CLINICAL  
PARTNERS AND POLICY MAKERS.**

# BSc Biotechnology

CAO Code: **MH202** | CAO Points 2022: **467**

CAO Code: MH202  
 CAO Points 2022: 467  
 CAO Points Range 2021: 489-556  
 Places 2022: 35  
 Duration: 4 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** See p. 210  
**Placement Option:** Subject to availability

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

► **Biotechnology describes how we can gain an understanding of biological processes and explores how they are exploited for beneficial and commercial purposes.**

► **Biotechnology explores the nature of biological molecules, how they are synthesised and how they are in culture systems, using living cells. It explores 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.**

► **You will reinforce your theoretical studies with practical laboratory sessions, visits to industrial firms, and ideally a placement in a biotech company (subject to availability).**

► **There is a transfer pathway from 1st year MH201 Science to 2nd year MH202 Biotechnology for students who have taken Biology, Chemistry, Mathematics and another subject. Students must attain 60% at the end of first year. Places are limited and are based on 1st year results. See page 117.**

## Why choose this degree?

► You are 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.

► Study a range of disciplines including genetics, molecular biology, immunology, molecular microbiology, biochemistry and cell biology.

## Options after graduation?

Graduates typically work in the biopharmaceutical area 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. Graduates also find career opportunities in the food science industry.

## We currently offer the following postgraduate courses:

- MSc Biology (Research)
- MSc Immunology and Global Health (Taught)
- PhD Biology

## Maynooth Education

**Critical Skills Option | Electives option in 2nd year**  
 See p. 12 for details

## Contact us

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🖱 [www.maynoothuniversity.ie/biology](http://www.maynoothuniversity.ie/biology)

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## You might also like

- Biological and Biomedical Sciences (MH208) p. 193
- Biological & Geographical Sciences (MH203) p. 189
- Biology and Chemistry in BSc Science (MH201) - see [section 2](#)
- Pharmaceutical and Biomedical Chemistry (MH210) p. 195

## Course structure

1st year	2nd year	3rd year	Final year
► Biology, Chemistry, Mathematics and 1 other Science subject (Experimental Physics or Mathematical Physics)	► Concentrate on Biotechnology, Chemistry, and 1 of the other 2 subjects you studied in 1st year ► Optional 10 credit Electives or Critical Skills (see p. 12 for details)	► Focus mainly on Biotechnology and Chemistry	► Concentrate on Biotechnology ► Industry work placement (subject to availability)

## Possible topics

1st year	2nd year	3rd year	Final year
► From cell to organism ► Biological function and diversity ► Chemistry	► Biotechnology processes ► Cellular biotechnology ► Biochemistry	► Microbiology ► Molecular biology ► Scientific communication	► Genomics and Proteomics ► Food biotechnology ► Business biotechnology ► Industry work placement (subject to availability)

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Biological and Geographical Sciences

CAO Code: **MH203** | CAO Points 2022: **440**

CAO Code: MH203  
 CAO Points 2022: 440  
 CAO Points Range 2021: 451-601  
 Places 2022: 35  
 Duration: 4 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** Yes - see p. 210

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics & O6/H7 Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Geography, Physics or Physics with Chemistry).

► **With Climate Change, the global biosphere has entered a new and uncharted phase. To find solutions for this crisis, scientists need to better understand how organisms, ecosystems and the environment interact together. This course brings these disciplines together over an advanced 4-year programme.**

► **The core areas in Biology and Geography covered by the programme provide foundation knowledge across both disciplines, and explore in different ways how the dynamic planet Earth supports such a diversity of climates, landforms, ecosystems and species, and also how human activity is impacting on all of these from a local to a global scale.**

► **Training covers advanced technical skills in both disciplines, including geographical information systems, climate analysis, animal and plant science, molecular biology, and field-based methods, as well as advanced statistical analysis and data science.**

► **You will also learn key transferable skills for your later career, including independent thinking and analysis, advanced technical writing, presentation skills, group-working and leadership.**

## Why choose this degree?

► By choosing this degree you will benefit from the international strengths of both the Biology and Geography Departments, and obtain integrated training in the applied areas of environmental data acquisition and experimental observation and analysis.

► As part of a defined class group with shared interests, you will join a diverse and active body of students studying in both disciplines. The main strengths of this degree include the advanced technical competency and expertise available from staff at Maynooth, and the variety of module options for students, alongside supporting options in Physics, Chemistry, Data Science and Statistics that provide options such as the pursuit of a science teaching career.

## Options after graduation?

► We offer a range of postgraduate courses which currently include: MSc in Climate Change; MA in Geography; MSc in Geographical Information Systems and Remote Sensing; MSc in Biology; MSc in Immunology and Global Health; MSc by Research, PhD by Research.

► Graduates can also continue their studies with a PME and become a second level Teacher of Biology and Geography to HL Leaving Certificate and JC Science. The degree has been structured such that students have the option of taking the required credits to satisfy the current Teaching Council requirement to teach Junior Certificate Science.

► Examples of careers for graduates of this degree include environmental consultancy, geographical information systems officer, town planning (following relevant postgraduate study), careers in science publishing and communication, as well as biology careers in research, healthcare and conservation.

## Contact us

Maynooth University Departments of Biology and Geography  
 ✉ [geography.department@mu.ie](mailto:geography.department@mu.ie) / [biology.department@mu.ie](mailto:biology.department@mu.ie)

## Or joint Course Directors:

Dr Conor Meade (Biology) / Dr Stephen McCarron (Geography)  
 ✉ [conor.meade@mu.ie](mailto:conor.meade@mu.ie) / [stephen.mccarron@mu.ie](mailto:stephen.mccarron@mu.ie)

## You might also like

- Biology in the Bachelor of Science degree MH201 p. 118
- Geography in Bachelor of Arts degree MH101 p. 76

## Course structure

1st year	2nd year	3rd year	Final year
► In first year 15 Credits of Geography, Biology, Mathematics AND either 15 Credits of Data Science OR Experimental Physics.	► In second year 20 Credits of Biology, 20 credits of Geography; 20 credits of Statistics OR 10 Credits of Statistics AND 10 credits of Critical Skills in Science Communication	► In third year concentrate on Biological AND Geographical Sciences (30/30 Credits), OR choose to also continue with Data Science (20/20/20 Credits)	► In fourth year concentrate on Biological and Geographical Sciences and associated research activities (thesis) and/or a short work placement - subject to availability (5 credits)

## Possible topics

1st year	2nd year	3rd year	Final year
► From Cell to Organism; Biological Function and Diversity; Living Landscapes or Global Environments; Differential Calculus; Introduction to Data Science	► Biogeography, Climatology. ► Intro. to Statistics, Data Analysis with R ► Evolutionary Biology; Environmental Biology	► Geographical Information Systems and Science; Geomorphology; Climate Change; Environment, Hazard and Society; Global Ecosystem Pressures and Sustainability; Microbiology; Ecology; Plant Responses to the Environment; Data Visualisation	► Plant Biotechnology; Behavioural Ecology; Molecular Ecology and Biogeography; Palaeoecology; Palaeoclimatology; Ecological Climatology and Modelling; Remote Sensing

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# BSc Physics with Astrophysics

CAO Code: **MH204** | CAO Points 2022: **423**

CAO Code: MH204

CAO Points 2022: 423

CAO Points Range 2021: 422-625

Places 2022: 35

Duration: 4 years

**Erasmus/Study Abroad Option:** Subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** No**Placement Option:** No**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics

- > If you are passionate about understanding astrophysical phenomena, this degree has been designed for you.
- > It is based on the Single Major degree in Experimental Physics but with an increased emphasis on studying the physical principles needed to understand astronomical objects such as planets, stars and galaxies, as well as the dynamics of the Universe as a whole.
- > You will study the latest telescopes, satellites, detector technology and data analysis techniques used to make the exquisitely sensitive observations needed in modern astrophysics.
- > In addition you will receive an excellent grounding in all the core areas of Experimental Physics, opening up all the career opportunities available to physicists.
- > Students attaining 60% in Experimental Physics and 60% in either Mathematics or Mathematical Physics in 2nd MH201 Science may apply to transfer into MH204 in 3rd year. Places are limited and are based on results.

## Why choose this degree?

- > Maynooth University has a long tradition of excellence in Experimental Physics. The inventor of the induction coil, Nicholas Callan, was Professor of Experimental Physics here from 1826 to 1864.
- > Facilities 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 and Armagh Observatory.

## Maynooth Education

**Critical Skills Option | Electives option in 2nd year**  
See p. 12 for details

## Options after graduation?

- > Physicists and astrophysicists find employment in high-tech fields and in areas where analytical and problem-solving skills are valued. Graduates have progressed to roles at Met Éireann, St. Luke's Hospital Dublin, the European Space Agency, NASA, Caltech, Intel, Hewlett Packard, and the Jet Propulsion Laboratory.
- > Astrophysicists can find challenging and rewarding careers in astrophysics and also in fields such as medical physics, computational physics, forensic science, meteorology, environmental and atmospheric physics.
- > Students who do sufficiently well are eligible to undertake research for an MSc or PhD degree under the supervision of one of the members of academic staff, who run active research programmes in these areas. This option is especially suitable for those wishing to pursue research careers, either in industry or academia.

## Contact us

Maynooth University Department of Experimental Physics,  
Science Building  
 ☎ + 353 1 708 3843 / ✉ physics.department@mu.ie  
 🖱 www.maynoothuniversity.ie/experimental-physics  
 🐦 @MU\_Physics

## You might also like

Computational Thinking MH603 p. 152  
 Experimental Physics p. 123  
 Science (with Education) MH212 p. 196  
 Theoretical Physics and Mathematics MH206 p. 191

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Physics with Astrophysics</li> <li>&gt; Mathematics</li> <li>&gt; Choose 2 other Science subjects (Biology, Chemistry, Computer Science, Engineering Science, Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Physics with Astrophysics</li> <li>&gt; Continue with 2 of your 1st year subjects - 1 full subject, 10 credits in the 2nd</li> <li>&gt; Optional 10 credit Electives or Critical Skills (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Physics with Astrophysics</li> <li>&gt; Continue with 1 of your 2nd year subjects</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Students take Physics with Astrophysics only</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Classical Physics: Mechanics, Physics of Heat, Electromagnetism and Optics</li> <li>&gt; Introduction to Atomic, Molecular and Nuclear Physics</li> <li>&gt; Introduction to Astrophysics: Solar System, Stars and Galaxies</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Electricity and Magnetism</li> <li>&gt; Physical Optics and Astronomical Instrumentation</li> <li>&gt; Mechanics and Thermal Physics</li> <li>&gt; Quantum Physics</li> <li>&gt; Astronomy</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Celestial Mechanics and Relativity</li> <li>&gt; Stellar Structure and Evolution</li> <li>&gt; Quantum Mechanics</li> <li>&gt; Applied Electromagnetics</li> <li>&gt; Thermodynamics and Statistical Mechanics</li> <li>&gt; Introduction to Computational Physics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Radio Astronomy</li> <li>&gt; Observational Cosmology</li> <li>&gt; Planetary Science</li> <li>&gt; Statistics and Data Analysis</li> <li>&gt; Computational Optics</li> <li>&gt; Electromagnetic Radiation</li> <li>&gt; Physics of Atoms and Quanta</li> <li>&gt; Solid State Physics</li> <li>&gt; Individual Project</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Theoretical Physics and Mathematics

CAO Code: **MH206** | CAO Points 2022: **510**

CAO Code: MH206

CAO Points 2022: 510

CAO Points Range 2021: 521-625

Places 2022: 10

Duration: 3 years

**Erasmus/Study Abroad Option:** Subject to availability**Mature Applicants:** See p. 208**UK, EU & International Applicants:** See p. 214**QQI Link:** No**Placement Option:** No**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & a Science subject (i.e. Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H2 Mathematics.

- > You will study the entire physical world from the microscopic to the cosmic - topics such as black holes, the Big Bang, quantum computing, elementary particles and the fundamental forces of nature, superconductivity, neural networks, matter in extreme conditions, and simulation of physical and biological systems.
- > You will develop a deeper understanding of the various areas of modern mathematics, including analysis, algebra, geometry, and topology.
- > This accelerated three-year programme is designed for students with a very strong interest in theoretical physics and mathematics.
- > Students take Theoretical (Mathematical) Physics and Mathematics throughout the three years of the programme.

## 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 for 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.

- > Graduates may consider careers in research and development, computing and software engineering, electronics, telecommunications, semiconductors, banking, finance, management and teaching, to name a few.
- > Many of our graduates move on to postgraduate study and research at our university or major international universities. Some of our popular options include MSc in Mathematical Science (Taught), MSc in Theoretical Physics (Research), MSc in Mathematics (Research) or (Taught), PhD.

## Contact us

Maynooth University Department of Theoretical Physics,  
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 ✉ theoretical.physics@mu.ie  
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 🐦 @MUTheorPhys

Maynooth University Department of Mathematics and Statistics,  
Logic House  
 ☎ + 353 1 708 3914  
 ✉ mathstats@mu.ie  
 🖱 www.maynoothuniversity.ie/mathematics-and-statistics  
 🐦 @MU\_MathsStats

## You might also like

Physics with Astrophysics p. 190  
 Computational Thinking p. 152  
 Mathematical Physics p. 124  
 Mathematics (with Education) p. 198

## Course structure

> Accelerated 3-year degree	> Students enter directly into the 2nd year of the standard 4-year Mathematical Physics programme, and take a more challenging Mathematics programme beginning in first year	> Students concentrate on Theoretical Physics and Mathematics for each of the 3 years of the degree	> Given the accelerated nature of this programme, a H2 grade in Leaving Certificate Mathematics is required for entry. You require 50% in Maths (Pure) to proceed to 2nd year. You continue with Mathematical Studies in 2nd year if you attain less than 50%
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## Possible topics

1st year	2nd year	Final year
<ul style="list-style-type: none"> <li>&gt; Einstein's Relativity</li> <li>&gt; Electromagnetism</li> <li>&gt; Waves and Vibrations</li> <li>&gt; Thermal Physics</li> <li>&gt; Vector Calculus</li> <li>&gt; Classical Mechanics</li> <li>&gt; Integration</li> <li>&gt; Analysis</li> <li>&gt; Finite Mathematics</li> <li>&gt; Linear Algebra</li> <li>&gt; Geometry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Quantum Mechanics</li> <li>&gt; Statistical Mechanics</li> <li>&gt; Differential Equations</li> <li>&gt; Particle Physics</li> <li>&gt; Computational Physics</li> <li>&gt; Real and Complex Analysis</li> <li>&gt; Metric Spaces</li> <li>&gt; Group Theory</li> <li>&gt; Rings and Fields</li> </ul>	<p>Students take 60 credits from modules in Theoretical Physics and Mathematics. The 60 credits can be divided between the two subjects with at least 20 credits in each subject.</p> <ul style="list-style-type: none"> <li>&gt; Advanced Electromagnetism</li> <li>&gt; General Relativity</li> <li>&gt; Quantum Mechanics</li> <li>&gt; Physical Cosmology</li> <li>&gt; Condensed Matter Physics</li> <li>&gt; Fluid Mechanics</li> <li>&gt; Quantum Information Science</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Data Science

CAO Code: **MH207** | CAO Points 2022: **454**

CAO Code: MH207

CAO Points 2022: 454

CAO Points Range 2021: 444-555

Places 2022: 10

Duration: 4 years

Erasmus/Study Abroad Option: Subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: No

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English

& a Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O1/H5 Mathematics

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

> **Data Science students 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.**

> **There is a transfer pathway from 1st year MH201 Science to 2nd year MH207 Data Science for students who have successfully taken Data Science, Computer Science, Mathematics and another subject. Students must attain 55% in Mathematics. Places are limited and are based on 1st year results.**

## Why choose this degree?

> If you want to play a central role in solving the world's critical problems through data, or play an influential role in developing the next generation of Artificial Intelligence, then this degree programme is for you.

> By choosing this degree you will become equipped with tools to collect and manage large volumes of raw data, to develop statistical models and understand their mathematical underpinnings, and to unlock valuable information stored within local, national and global datasets. In other words, you will become exceedingly data literate!

> Data literacy is one of the most highly sought after skills by employers in today's data driven world, be it in business, science, health or social sciences. This degree programme will make you extremely attractive to employers and give you the power to make the world a better place through channelling your analytical skills to solving global problems such as climate change, developing new drugs or eliminating world hunger.

## Options after graduation?

Employment opportunities across a wide range of fields (science, health, business etc.) are abundant for graduates of this degree programme. Graduates with Data Science skills are in high demand. There is 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 or Computer Science

## Contact us

Maynooth University Department of Mathematics and Statistics, Logic House

☎ + 353 1 708 3914

✉ mathsstats@mu.ie

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

🐦 @MU\_MathsStats

## Maynooth Education

**Electives option in 2nd year**

**See p. 13 for details**

## You might also like

Computational Thinking MH603 p. 152

Quantitative Finance MH402 p. 131

Statistics in MH101 p. 112

Statistics in MH201 p. 126

## Course structure

1st year	2nd year	3rd year	Final year
> Students take a specialised Data Science subject alongside Computer Science, Mathematics and choose one other subject from Engineering Science or (additional) Computer Science	> Statistics, Computer Science and Mathematics > Electives Option (see p. 13 for details)	> Statistics and Computer Science are taken	> Statistics and Computer Science are taken > Students undertake two capstone projects

## Possible topics

1st year	2nd year	3rd year	Final year
> Introduction to Data Science 1 & 2 > Introduction to Computer Science 1 & 2 > Linear Algebra > Calculus	> Introduction to Statistics > Data Analysis > R for Statistics and Data Science > Nonparametric Statistics > Databases > Algorithms and Data Structures 1 & 2 > Operating Systems, Communications and Concurrency > Calculus > Linear Algebra	> Probability > Linear Models > Time Series > Programming for Data Science > Computer Networks > Software Engineering and Software Process > Data Visualisation	> Applications of Complex Models > Advanced R programming > Statistical Machine Learning > Robotics & Automation > Artificial Intelligence and Language Processing > Machine Learning and Neural Networks > Bayesian Data Analysis

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Biological and Biomedical Sciences

CAO Code: **MH208** | CAO Points 2022: **521**

CAO Code: MH208

CAO Points 2022: 521

CAO Points Range 2021: 533-613

Places 2022: 75

Duration: 4 years

Erasmus/Study Abroad Option: Subject to availability

Mature Applicants: See p. 208

UK, EU &amp; International Applicants: See p. 214

QQI Link: See p. 210

Placement Option: No

Leaving Certificate: 2H5 &amp; 4O6/H7, Irish, English

& Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics.

> **This is the study of life, from the fundamental building blocks of our genes to the largest animals that inhabit our planet; how living things work – how they interact with one another and their surroundings, and how they change and evolve; and it involves the application of biomedical science to clinical research.**

> **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.**

> **There is a transfer pathway from 1st year MH201 Science to 2nd year MH208 Biological & Biomedical Sciences for students who have taken Biology, Mathematics and another two subjects. Places are limited and are based on 1st year results and points attained in school leaving examinations.**

## 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 and expertise in these areas.

> 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 Biology (Research)

> MSc Immunology and Global Health (Taught)

> PhD Biology

## Maynooth Education

**Critical Skills | Electives option in 2nd year**

**See p. 12 for details**

## Contact us

Maynooth University Department of Biology, Callan Building

☎ + 353 1 708 3843 / ✉ biology.department@mu.ie

🌐 www.maynoothuniversity.ie/biology

🐦 @MaynoothBiology

## You might also like

Biology in BSc Science (MH201) p. 118

Biological & Geographical Sciences p. 189

Biotechnology p. 188

Pharmaceutical and Biomedical Chemistry p. 195

## Course structure

1st year	2nd year	3rd & Final year
> 30 credits of Biology in 1st year, Mathematics and 1 other Science or Arts subject. Available Science subjects are Chemistry, Computer Science or Experimental Physics. Compatible Arts subjects: Anthropology, Business (International), Business (Management), Business (Marketing), Economics, Finance or Spanish	> Concentrate on Biology and Biological Science, along with Mathematics, Chemistry, Computer Science or Experimental Physics (if taken in 1st year). Mathematics is taken if you chose an Arts subject > Optional Critical Skills/Electives available in second year (see p. 12 for details)	> Choose from a range of Biological and Biomedical Science topics depending on your preferences

## Possible topics

1st year	2nd year	3rd year	Final year
> From Cell to Organism; Biological Function and Diversity; Human Biology; Mechanisms of Human Disease	> Biochemistry; Cellular Biotechnology; Immunology; Evolutionary Biology; Molecular Biology; Environmental Biology; Animal Physiology	> Molecular Pharmacology & Toxicology; Microbial Biotechnology; Animal Behaviour; Microbiology; Immunology; Molecular Biology; Proteomics	> Plant Biotechnology; Advanced Immunology; Tumour Biology; Organelle Genome Evolution; Genomics and Proteomics; Molecular Ecology; Medical Mycology; Translational Clinical Research; Antibiotics; Neuromuscular Biology; Clinical Proteomics; Control of Protein Activity; Plant Development; Seminar Series; Advanced practicals; Literature project; Research Methodology; Research project

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# BSc Psychology (through Science)

CAO Code: **MH209** | CAO Points 2022: **510**

CAO Code: MH209  
 CAO Points 2022: 510  
 CAO Points Range 2021: 518-589  
 Places 2022: 20  
 Duration: 4 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** See p. 210  
**Placement Option:** Yes – research internship & work placement (subject to availability)

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics.

> This degree is accredited by the Psychological Society of Ireland (PSI).

> Psychology is the scientific study of mental life and behaviour. It involves areas such as Brain and Behaviour, Social Psychology, Cognitive Psychology, Developmental Psychology and Psychological Research Methods.

> 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.

> This degree is accredited by the Psychological Society of Ireland (PSI).

> If your ambition is to have a career as a professional psychologist, you will be interested in the variety of career paths 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;
- > Organisational Psychologists, who work in business and work settings.

## Maynooth Education

### Critical Skills | Electives option in 2nd year

See p. 12 for details

## Contact us

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☎ + 353 1 708 6311

✉ psychology.dept@mu.ie

🖱 www.maynoothuniversity.ie/psychology

🐦 @MUpsychdept

## You might also like

Anthropology p. 50

Psychological Studies in Arts (MH101) p. 106

BA Psychology MH106 p. 171

## Course structure

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Psychology</li> <li>&gt; Mathematics</li> <li>&gt; Choose 1 other Science subject from Biology, Chemistry, Computer Science, Engineering Science or Experimental Physics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Psychology as a Single Major subject</li> <li>&gt; Optional 10 credit Elective or Critical Skills in 2nd year (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; 1 semester on work placement or studying abroad and 1 semester on a research internship</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Psychology studied as a Single Major subject</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; Introduction to Biological, Cognitive, Social and Developmental Psychology and Individual Differences</li> <li>&gt; Introduction to Research Design and Analysis in Psychology</li> <li>&gt; Introduction to Practical Experimental Psychology</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Cognitive Psychology, Developmental Psychology and Brain and Behaviour</li> <li>&gt; Professional Issues and Considerations in Psychology</li> <li>&gt; Practical Experimental Psychology</li> <li>&gt; Quantitative and Qualitative Research Methods</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Research Internship</li> <li>&gt; Study Abroad OR Work Placement (subject to availability)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Psychology of Learning</li> <li>&gt; Social Psychology</li> <li>&gt; Neuropsychology</li> <li>&gt; Criminal Psychology</li> <li>&gt; Critical Analysis in Contemporary Psychology</li> <li>&gt; Mental Health</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Pharmaceutical and Biomedical Chemistry

CAO Code: **MH210** | CAO Points 2022: **511**

CAO Code: MH210  
 CAO Points 2022: 511  
 CAO Points Range 2021: 511-613  
 Places 2022: 24  
 Duration: 4 years

**Erasmus/Study Abroad Option:** Subject to availability  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** See p. 210  
**Placement Option:** Yes - subject to availability

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 in Mathematics.

> In this programme you will receive an excellent education in a range of different aspects of Chemistry, with a focus on Pharmaceutical and Biomedical Chemistry and Biology.

> Chemistry is taken with: Mathematics, Biology and one other Science subject in first year, with Biology and Mathematics or 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.

> There is a transfer pathway from 1st year MH201 Science to 2nd year MH210 Pharmaceutical and Biomedical Chemistry (subject to availability of places) for students who have taken Chemistry, Biology, Mathematics and another subject. Students must attain at least 60%. Places are limited and are based on 1st year results.

## 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 see 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 transferable skills will help provide employment opportunities in chemistry and non-chemistry based careers.

## Options after graduation?

> The pharma-chemical industry in Ireland employs more than 26,000 people and produces €63bn 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 services.

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

## Maynooth Education

### Electives option in 2nd year

See p. 12 for details

## Contact us

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🖱 www.maynoothuniversity.ie/chemistry

## You might also like

Biotechnology p. 188

Chemistry in BSc Science (MH201) - see section 2

Science (with Education) p. 196

## Course structure

1st year	2nd year	3rd and Final year
<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry</li> <li>&gt; Mathematics</li> <li>&gt; 1 other subject (Computer Science, Experimental Physics or Mathematical Physics)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Chemistry</li> <li>&gt; Biology</li> <li>&gt; Pharmaceutical Chemistry Workshops</li> <li>&gt; Mathematics</li> <li>&gt; Optional 10 credit Electives (see p. 12 for details)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Chemistry</li> <li>&gt; Pharmaceutical and Biomedical Chemistry</li> <li>&gt; Biology</li> <li>&gt; Work placement/internship (subject to availability)</li> </ul>

## Possible topics

1st year	2nd year	3rd year	Final year
<ul style="list-style-type: none"> <li>&gt; From Cell to Organism</li> <li>&gt; Biological Function and Diversity</li> <li>&gt; General Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Biochemistry, Molecular Biology of the Cell</li> <li>&gt; Biotechnology Processes, Cellular Biotechnology</li> <li>&gt; Organic Chemistry</li> <li>&gt; Spectroscopy and Analytical Chemistry</li> <li>&gt; Inorganic Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Introduction to Immunology, Molecular Biology</li> <li>&gt; Organic Chemistry, Heterocyclic and Natural Product Chemistry</li> <li>&gt; Biomedical Chemistry of Drug Action</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Medical Mycology</li> <li>&gt; Bioinorganic Chemistry and Metals in Medicine</li> <li>&gt; Medicinal Chemistry and Drug Design</li> <li>&gt; Work placement/internship (subject to availability)</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Science (with Education)

CAO Code: **MH212 SED** | CAO Points 2022: **443**

**CAO Code:** MH212 SED  
**CAO Points 2022:** 443  
**CAO Points Range 2021:** 435-601 (MH212)  
**Places 2022:** 60 (MH212)  
**Duration:** 4 years + 1 year postgraduate study

**Erasmus/Study Abroad Option:** No  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Placement is required

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & O4/H7 Mathematics.  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

- > If you are interested in a career as a second-level science and/or mathematics teacher, this may be the degree for you.
- > You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.
- > You will take a five year route to second-level teaching instead of a six-year route.

## Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you:

1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Science (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level science and mathematics teacher, up to Leaving Certificate level. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science degree (MH201) for four years and then apply for a place on the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

## Options after graduation?

Depending on the subjects chosen during the course of the degree, graduates will be in a position to teach any two of the following subjects to senior cycle level (HL): mathematics, biology, chemistry, physics.

Graduates apply to the Teaching Council of Ireland for registration.

## Contact us

Maynooth University Department of Education,  
 School of Education  
 ☎ + 353 1 708 3656  
 ✉ education.department@mu.ie  
 🌐 www.maynoothuniversity.ie/education  
 🐦 @MU\_Education

## You might also like

MH003 BA Early Childhood - Teaching and Learning (full-time) p. 157  
 MH004 BA Early Childhood - Teaching and Learning (flexible) p. 158  
 Bachelor of Education - Froebel Primary Teaching p.156  
 Science (BSc MH201) p. 116

Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

## Course structure

- > After four years of concurrent Science and Education studies, students may graduate with a Level 8 honours degree in Science (with Education)
- > To become a fully qualified science teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education
- > Once you reach the required standards after 4th year, the place in 5th year is guaranteed

## Possible topics

1st year	3rd year	4th year	Final year
<ul style="list-style-type: none"> <li>&gt; Biology</li> <li>&gt; Chemistry</li> <li>&gt; Experimental Physics</li> <li>&gt; Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with your 2 Science subjects (40 credits)</li> <li>&gt; School-based experience (1 day per week)</li> <li>&gt; Learning, Teaching, Assessment and Curriculum</li> <li>&gt; The Foundations of Educational Thinking</li> <li>&gt; Critical Reflections on Science and Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with your 2 Science subjects (40 credits)</li> <li>&gt; School-based experience 3 (2 week block in September and 1 day per week in semester 1)</li> <li>&gt; The Teacher as Critically Reflective Practitioner</li> <li>&gt; Irish Education History, Policy and Legislation</li> <li>&gt; Critical Reflections on Science and Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; School-based experience 4 (3 days per week in school)</li> <li>&gt; Teaching, Learning, Assessment and Curriculum: The Practice of Teaching</li> <li>&gt; The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community</li> </ul>
<b>2nd year</b> <ul style="list-style-type: none"> <li>&gt; Continue with any 2 of your 1st year Science subjects</li> <li>&gt; Introduction to Teaching – Critical Reflection on Science and Mathematics Teaching and Learning including school-based experience in semester two</li> <li>&gt; The Learner and Learning</li> </ul>			

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc Mathematics and Computer Science (with Education)

CAO Code: **MH212 MCS** | CAO Points 2022: **443**

**CAO Code:** MH212 MCS  
**CAO Points 2022:** 443  
**CAO Points Range 2021:** 435-601 (MH212)  
**Places 2022:** 60 (MH212)  
**Duration:** 4 years + 1 year postgraduate study

**Erasmus/Study Abroad Option:** No  
**Mature Applicants:** See p. 208  
**UK, EU & International Applicants:** See p. 214  
**QQI Link:** No  
**Placement Option:** Placement is required

**Leaving Certificate:** 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H4 Mathematics\*  
**OPC: Open Choice Option**  
 Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

\*Students admitted to MH212 are required to have H4 Mathematics to register for MCS.

**Note:** An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau

- > If you are interested in a career as a second-level mathematics and computer science teacher, this may be the degree for you.
- > You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.
- > You will take a five year route to second-level teaching instead of a six-year route.

## Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you:

1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Mathematics and Computer Science (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level computer science and mathematics teacher up to Leaving Certificate level. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science (MH201) degree for four years and then apply for the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

## Options after graduation?

Graduates will be qualified to teach mathematics and computer science up to Leaving Certificate Higher Level. Graduates apply to the Teaching Council of Ireland for registration.

## Contact us

Maynooth University Department of Education,  
 School of Education  
 ☎ + 353 1 708 3656  
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 🌐 www.maynoothuniversity.ie/education  
 🐦 @MU\_Education

## You might also like

Bachelor of Education - Froebel Primary Teaching p. 156  
 Computer Science p. 120  
 Mathematics p. 125  
 Statistics p. 126  
 Science (BSc MH201) p. 116

Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

## 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)
- > To become a fully qualified Mathematics and Computer Science teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education
- > Once you reach the required standards after 4th year, the place in 5th year is guaranteed
- > Students have the option of transferring to MH212 MED Mathematics (with Education) at the end of year 1

## Possible topics

1st year	3rd year	4th year	Final year
<ul style="list-style-type: none"> <li>&gt; Computer Science</li> <li>&gt; Mathematics</li> <li>&gt; Mathematical Physics</li> <li>&gt; Experimental Physics</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Mathematics and Computer Science (40 credits)</li> <li>&gt; School-based experience 2 (1 day per week)</li> <li>&gt; Learning, Teaching, Assessment and Curriculum</li> <li>&gt; The Foundations of Educational Thinking</li> <li>&gt; Critical Reflections on Mathematics and Computer Science Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with Mathematics and Computer Science (40 credits)</li> <li>&gt; School-based experience 3 (2 week block in September and 1 day per week in semester 1)</li> <li>&gt; The Teacher as Critically Reflective Practitioner</li> <li>&gt; Irish Education History, Policy and Legislation</li> <li>&gt; Critical Reflections on Mathematics and Computer Science Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; School-based experience 4 (3 days per week in school)</li> <li>&gt; Teaching, Learning, Assessment and Curriculum: The Practice of Teaching</li> <li>&gt; The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community</li> </ul>
<b>2nd year</b> <ul style="list-style-type: none"> <li>&gt; Continue with Mathematics and Computer Science</li> <li>&gt; Introduction to Teaching – Critical reflection on Science and Mathematics teaching and learning including school-based experience in semester two</li> <li>&gt; The Learner and Learning</li> </ul>			

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student



# BSc Mathematics (with Education)

CAO Code: **MH212 MED** | CAO Points 2022: **443**

CAO Code: MH212 MED  
CAO Points 2022: 443  
CAO Points Range 2021: 435-601 (MH212)  
Places 2022: 60 (MH212)  
Duration: 4 years + 1 year postgraduate study

Erasmus/Study Abroad Option: No  
Mature Applicants: See p. 208  
UK, EU & International Applicants: See p. 214  
QQI Link: No  
Placement Option: Placement is required

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & Science subject (one of Agricultural Science, Applied Mathematics, Biology, Chemistry, Computer Science, Physics, or Physics with Chemistry) & H4 Mathematics\*  
OPC: Open Choice Option  
Up to 4 weeks to decide on MH212 degree stream (entry requirements apply)

\*Students admitted to MH212 are required to have H4 Mathematics to register for MED.

Note: An offer of a place on this course is subject to a satisfactory background check by the National Vetting Bureau.

- > If you are interested in a career as a second-level mathematics and applied mathematics teacher, this may be the degree for you.
- > You will study with the Maynooth University Department of Education who are committed to reflecting on and interrogating the purposes, principles and values underpinning educational policy, practice and theory.
- > You will take a five year route to second-level teaching instead of a six-year route.

## Why choose this degree?

- > As an undergraduate, you will study a four-year 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. You now have two pathways open to you.
  1. You can choose to exit your studies with your level 8 qualification and take a different path in your education or career.
  2. You can continue with your studies to become a fully qualified teacher. This means you complete one further year of study at postgraduate level - required in order to meet the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) in two subjects. Having graduated with your Level 8 BSc Mathematics (with Education) degree, you are guaranteed your place in this postgraduate year. At the end of year five of your studies, you will be a fully qualified second-level mathematics and applied mathematics teacher. Through this pathway you are fully qualified after five years rather than taking the six year route (details of the six-year route are outlined in the next bullet point above).

- > For those students who may not achieve the points necessary to secure a place on MH212, an alternative, six-year route to second-level teaching is available. You can take the BSc Bachelor of Science degree (MH201) for four years and then apply for the Level 9 Professional Master of Education degree. The PME is a two-year, full-time programme designed to qualify graduates to teach at second level. Entry to the PME is competitive and is not guaranteed to graduates of the BSc Bachelor of Science degree.

## Options after graduation?

Graduates will be qualified to teach mathematics and applied mathematics up to Leaving Certificate Higher Level. Graduates apply to the Teaching Council of Ireland for registration.

## Contact us

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📍 www.maynoothuniversity.ie/education  
🐦 @MU\_Education

## You might also like

Bachelor of Education - Froebel Primary Teaching p. 156  
Mathematics p. 125  
Mathematical Physics p. 124  
Statistics p. 126  
Science (BSc MH201) p. 116

Up to 2 places each year are available in MH212 for students successfully completing their first year of MH201. Selection is on the basis of first year results and the responses on the application form.

## Course structure

- > After four years of concurrent Mathematics and Education studies, students may graduate with a Level 8 honours degree in Mathematics (with Education)
- > To become a fully qualified Mathematics and Applied Mathematics teacher, students must complete a fifth year of study at Masters level – the Professional Master of Education
- > Once you reach the required standards after 4th year, the place in 5th year is guaranteed
- > Students have the option of transferring to MH212 MCS Mathematics and Computer Science (with Education) at the end of year 1

## Possible topics

1st year	3rd year	4th year	Final year
<ul style="list-style-type: none"> <li>&gt; Mathematics</li> <li>&gt; Mathematical Physics</li> <li>&gt; Experimental Physics</li> <li>&gt; Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with: Mathematics (Applied) 20 credits or Mathematical Physics 20 credits or Mathematics (Applied) 40 credits</li> <li>&gt; School-based experience 2 (1 day per week)</li> <li>&gt; Learning, Teaching, Assessment and Curriculum</li> <li>&gt; The Foundations of Educational Thinking</li> <li>&gt; Critical Reflections on Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Continue with: Mathematics (Applied) 20 credits or Mathematical Physics 20 credits or Mathematics (Applied) 40 credits</li> <li>&gt; School-based experience 3 (2 week block in September and 1 day per week in semester1)</li> <li>&gt; The Teacher as Critically Reflective Practitioner</li> <li>&gt; Irish Education History, Policy and Legislation</li> <li>&gt; Critical Reflections on Mathematics Teaching and Learning</li> </ul>	<ul style="list-style-type: none"> <li>&gt; School-based experience 4 (3 days per week in school)</li> <li>&gt; Teaching, Learning, Assessment and Curriculum: The Practice of Teaching</li> <li>&gt; The Teacher as Critically Reflective Practitioner: The Teacher as part of a Professional Learning Community</li> </ul>

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student

# BSc/BBA Business with Sport Science

CAO Code: **MH412** | CAO Points 2022: **New degree in 2023**

CAO Code: MH412  
CAO Points 2022: New degree  
CAO Points Range 2021: New degree  
Places: 35  
QQI Link: See p. 210

Duration: 3 years (4 years with optional placement or Erasmus/Study Abroad)  
Erasmus/Study Abroad Option: Yes  
Mature Applicants: See p. 208  
UK, EU & International Applicants: See p. 214  
Placement Option: Yes\* (see Course Structure for details)

Leaving Certificate: 2H5 & 4O6/H7, Irish, English & O4/H7 Mathematics

- > This programme is for students who have a desire to work in the growing and diverse range of businesses in the area of sports, exercise and well-being.
- > The sports, exercise and well-being sector is one of the largest service industries in Ireland and globally. Ranging from small to large enterprises, many are run by sports-professionals. These businesses need graduates who can both understand the science and practicalities of the sports and exercise sector, and the fundamentals of how to create value and make a profit - via services and solutions that meet a variety of customers.
- > MH412 provides students with the unique option of combining one business subject (Accounting, Business Management, International Business or Marketing), with sports related content - from practical exercise skills to the science behind human performance and wellbeing.
- > In your third year, you will have an opportunity to undertake a work placement (subject to availability) which will allow you to apply what you have learned. Given the diversity of businesses in this sector, many run by those without formal business training, people with both business and sports-science knowledge is highly attractive with many opportunities.

## Why choose this degree?

- > Unique offering: Maynooth University offers the only programme that allows you to combine a full business degree, with four business subject options, with sports-science.
- > Accredited work placement: The opportunity to undertake a full-year work placement (subject to availability), in Ireland or abroad, as an integral part of your degree which gives you a chance to put your learning into practice and significantly improves your employability upon graduation.
- > Employability:
  - > This is a rapidly growing sector, with a deep demand for graduates that bridge the fields of business and sports.

- > Employees that have both a deep insight into how to create value for businesses (through Accounting, Marketing, Management or International Business skills) and the science of sports exercise.
- > Follow your passion: Many enjoy sporting activities but sports and exercise are well known to have mental and physiological benefits. In combination with the business modules, this programme will allow you to understand how sports and exercise can impact on your health, allowing you to explore how this can be translated to new services and solutions.

## Options after graduation?

- > The 2020 Graduate Market Survey 2020 (AHECS) of employers in Ireland found that more employers were seeking business skills than any other graduate knowledge set, with the exception of engineering. Graduates typically join large multinational employers in graduate programmes, public service, or in small and medium sized organisations where you are able to work on contributing to the businesses, domestically and globally.
- > The addition of sports science will allow graduates to access opportunities in the sports and exercise market. That could be from small local enterprises to large companies that operate sporting enterprises or that supply services to the sports, exercise and health sectors.
- > Many of our students continue to further postgraduate study in a very wide range of Business, Accounting and Finance subjects at Maynooth University.

## Contact us

Maynooth University School of Business, North Campus  
☎ + 353 1 708 3703 / 6520, + 353 1 474 7587 / 7207  
✉ business@mu.ie  
📍 www.maynoothuniversity.ie/business  
Find us on Facebook, Twitter, Instagram and LinkedIn

## Course structure

1st year	2nd year	Optional additional year	Final year
You will take 30 credits of the business subject of your choice. This will provide you with a foundational knowledge of your business subject. You will also take 15 credits of the sports science programme, and 15 credits of another first year subject (Groups 1, 3 or 4)	For business, second year is about learning the functional capabilities of your subject, including some optional choices. In addition you will take 20 credits of sports science modules.	Paid work placement or study abroad in a European or international university (subject to availability). *(The University's Placement Office will support you in the search for a placement job; however, the process is competitive).	In your business subject this is the year in which you will develop your understanding of the strategic aspects of running a business or service, as well as advanced skills in your chosen subject. This will be complemented by 20 credits of content from sports-science

## Possible topics

1st year	2nd year	Final year
Your business topics will vary depending on your subject choice. In Marketing, for example, you will learn about consumer behaviour and market analysis. In Accounting, you will learn the basics of financial accounting. In Management, you will learn about business models, and how to manage people, amongst others. In sports science, you will take modules on human performance, physiology and anatomy.	Examples of business topics include management accounting, international management, human resource management, operations and supply chain management, and digital marketing, amongst others. In your Sports Science modules, you will explore deeper into topics of human performance, social impact of sports, and biomechanics and exercise injuries.	Examples of business topics include advanced management and cost accounting, strategic management, management information systems, innovation, and international marketing, amongst others. In the sports science content, there will be a range of specialist modules, for example nutrition, heart and lung physiology and exercise for rehabilitation and healthy aging.

Full degree and module details on our Course Finder [www.mu.ie/level8](http://www.mu.ie/level8)  ask on webchat  ask a student





## APPLYING TO MAYNOOTH UNIVERSITY

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### MAYNOOTH

#### MAYNOOTH UNIVERSITY

[www.mu.ie/level8](http://www.mu.ie/level8)

LEVEL 8 Honours Bachelor Degrees - Level 8		Apply by inserting the Codes below in the Level 8 Section of the Application Form.	
Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8		
MH 101	<p><b>Arts</b></p> <p><b>1st year: 60 credits – choose your subjects when you arrive in Maynooth in September, with up to 4 weeks to decide.</b></p> <ul style="list-style-type: none"> <li>Choose 2, 3 or 4 subjects – maximum of one per group (each subject is 15 credits).</li> <li>Double subjects (marked with *) 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.</li> <li>Optional 1<sup>st</sup> year only Critical Skills (15 credits) available to take with all subject combinations.</li> </ul>		
	<p><b>Group 1</b></p> <p>Geography* German Law* Philosophy Mathematics (Pure) – 30 credits in Groups 1 and 3</p>	<p><b>Group 2</b></p> <p>Business (Management)* Business (Marketing)* Business (International)* Criminology History*</p>	<p><b>Group 3</b></p> <p>English* International Development* Mathematical Studies</p>
	<p><b>Group 4</b></p> <p>Anthropology* Economics Finance Music Technology Nua-Ghaeilge</p>	<p><b>Group 5</b></p> <p>Computer Science* Music* Sociology Spanish</p>	<p><b>Group 6</b></p> <p>Accounting* Chinese Studies French Greek &amp; Roman Civilization Mathematical Physics Media &amp; Cultural Studies Medieval Celtic Studies Politics Psychological Studies Statistics</p>
	<p><b>2nd &amp; final year: 60 credits per year</b></p> <ul style="list-style-type: none"> <li>In most cases, students progress with two subjects, choosing: <ul style="list-style-type: none"> <li>Double Major (30:30 credits) or Major with Minor (40:20 credits). In some subjects a Single Major (normally 60 credits) is possible. See MH101 subject pages in the Maynooth University Prospectus or website for details of available options in the different subjects.</li> </ul> </li> <li>Elective Stream: In 2nd year you'll have the opportunity to take an Elective Stream - optional 10 credit short course which gives students the opportunity to expand their education, across the University.</li> </ul> <p>You also have the option of taking a study abroad year in third year and graduating with a BA International after 4 years. <b>Some of the BA specialisations available to take from second year include:</b></p> <ul style="list-style-type: none"> <li>Anthropology: specialise in Anthropology from second year.</li> <li>Economics: specialise in Economics from second year.</li> <li>English: specialise in English from second year.</li> <li>Geography: specialise in Geography from second year.</li> <li>Finance: specialise in Finance from second year.</li> <li>History: specialise in History from second year.</li> <li>International Development: International Development plus one other subject in your degree.</li> <li>Politics: students take Politics and another subject from second year.</li> <li>Mathematics: Mathematics (Pure) - (timetable groups 1 and 3) and another subject, or on its own in third year.</li> </ul> <p><i>You can decide which subjects to take following admission to the University</i></p>		

### MAYNOOTH

#### MAYNOOTH UNIVERSITY

[www.maynoothuniversity.ie](http://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.	
Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8		
MH 001	Education - Primary Teaching (Froebel)		
MH 002	Education - Primary Teaching - Gaeltacht Applicants (Froebel)		
MH 003	Early Childhood – Teaching & Learning (full-time)		
MH 103	Music - In first year you take one other subject from those listed under MH101, excluding groups 2 and 5. <i>(Restricted – see page 3)</i>		
MH 106	Psychology – 3 years - In first year you take Psychology, Psychological Studies and one or two Arts subjects from those listed under MH101 excluding groups 2 and 6.		
MH 107	Social Science – In first year you study Social Policy (an essential requirement for Social Work), Sociology and one subject from: Anthropology, Economics, Geography, History or Philosophy.		
MH 109	Media Studies – In first year you take Media Studies and two other Arts subjects from those listed under MH101, except Group 6. Computer Science may be taken with Media Studies for students interested in Media Technologies.		
MH 116	Community and Youth Work (Full-Time) <i>(Restricted – see page 3)</i>		
MH 201	<p><b>Science:</b></p> <p>In final year you may take a Double Major (equal study of two subjects), or a Single Major (specialise in one subject). See prospectus or website for availability and options.</p> <p>The following subjects are available: Biology; Chemistry; Computer Science*; Engineering Science; Experimental Physics; Mathematical Physics; Mathematics (Applied); Mathematics (Pure); Statistics.</p> <p>* Subject available as a double subject in year 1.</p> <p>Three or four subjects are studied in first year. Mathematics is a required subject in first year. You make your subject choices on entry and may make changes within the first four weeks. You also have the option of taking a Data Science course in first year. In second year, you have the option of taking Critical Skills or an Elective Stream, from across the university, which may be taken outside your chosen subject(s).</p>		
MH 202	Biotechnology		
MH 203	Biological and Geographical Sciences – a 4 year BSc covering core areas of Biology, Geography, Climate Change, Sustainability, Ecosystems and Geographical Information Systems.		
MH 204	Physics with Astrophysics		
MH 206	Theoretical Physics and Mathematics		
MH 207	Data Science		
MH 208	Biological and Biomedical Sciences		
MH 209	Psychology (through Science) - 4 years - In first year you study Psychology, Psychological Studies, Mathematics and 1 other Science subject.		
MH 210	Pharmaceutical and Biomedical Chemistry		
	Science (with Education) or Mathematics and Computer Science (with Education) or Maths and Applied Maths (with Education)		
	<b>SED</b> Science Education: In first year you study Biology, Chemistry, Experimental Physics and Mathematics with concurrent Teacher Education (second-level)		
	<b>MCS</b> Maths and Computer Science (with Education): You study Mathematics and Computer Science with concurrent Teacher Education (second-level).		
	<b>MED</b> Maths Education: You study Mathematics with Mathematical Physics (Leaving Certificate Applied Mathematics) with concurrent Teacher Education (second-level).		
	<b>OPC</b> Open choice to any degree stream <i>You can decide which degree stream to take following admission. See prospectus or website for entry requirements to each stream. You can apply to MH212 only once.</i>		
MH 304	<p><b>Engineering:</b></p> <p>Engineering entry with unrestricted choice to pursue engineering degree options in any of the following degree streams:</p> <p>Computer Engineering Electronic Engineering Communications Engineering</p> <p>You can decide which of the above streams you wish to take in third year. Option of a 4 year BE or 5 year Master of Engineering.</p>		
MH 305	<b>Product Design and Innovation:</b> In first year you study Creative Thinking, Design, Engineering and Marketing.		
MH 306	<b>Robotics and Intelligent Devices:</b> a blend of Computer Science and Electronic Engineering.		

(Continued)

## MAYNOOTH

### MAYNOOTH UNIVERSITY www.maynoothuniversity.ie

LEVEL 8 Honours Bachelor Degrees - Level 8		Apply by inserting the Codes below in the Level 8 Section of the Application Form.
Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8	
MH 401	Finance - Two degree options are available: Double Major - Finance and Economics or Major with Minor - Major (Finance) with the Minor subject taken from: Business, Computer Science, Criminology, Geography, German, History, Law, Music, Philosophy, Sociology or Spanish.	
MH 402	Quantitative Finance	
MH 403	Accounting and Finance	
MH 404	Business - Six degree options are available: BMA Business and Management - comprehensive degree in business and management, strategic management, IT, marketing and accounting. INB - International Business - take a suite of international business modules with elements of business and management. MKT - Marketing - marketing with elements of business and management. BGC - Business Management and Global Cultures IGC - International Business and Global Cultures MGC - Marketing and Global Cultures OPC - Open choice You can decide which degree stream to take following admission. You can apply to MH404 only once.	
MH 407	Business and Accounting	
MH 409	Business and Languages 4 year degree with any of the following Business streams: Accounting & Finance, Business & Management, International Business, Marketing; with any of the following: Chinese Studies, French, German, Spanish & Latin American Studies. All combinations are possible except Accounting & Finance with Chinese Studies or French.	
MH 411	Entrepreneurship - Take a suite of dedicated entrepreneurship and innovation modules with broader-based business and management topics.	
MH 412	Business with Sport Science (New) - 3 year BSc or 4 year BBA programme combining the study of Business with the study of Sport Science	
MH 415	Economics - 3 year BSc degree with the option of a 4 <sup>th</sup> year integrated MSc in Economics	
MH 416	International Economics (New) - 4 year BA degree with the option of studying Chinese, French, German, Spanish or Computer Science	
MH 501	LLB Law - four year Single Major Law programme	
MH 502	BCL Law (Law and another subject) LWA Law and Accounting LWB Law and Business LWC Law and Criminology LWD Law and Arts - Law plus one or two Arts subjects under MH101, excluding Group 1. OPC Open Choice You can decide which degree stream to take following admission. See prospectus or website for entry requirements to each stream. You can apply to MH502 only once.	
MH 601	Computer Science through Arts CSA - Computer Science and Software Engineering (through Arts) - In first year you take Computer Science (30 credits), Mathematical Studies and one other Arts subject under MH101, excluding groups 3 and 5. MWA - Multimedia, Mobile and Web Development (through Arts) - In first year you take Computer Science (30 credits), Mathematical Studies and one other Arts subject under MH101, excluding groups 3 and 5. OPC - Open choice to either degree stream. You can decide which degree stream to take following admission. You can apply to MH601 only once.	
MH 602	Computer Science through Science CSS Computer Science and Software Engineering (through Science) - In first year you take Computer Science (30 credits), Mathematics and one other Science subject. MWS Multimedia, Mobile and Web Development (through Science) - In first year you take Computer Science (30 credits), Mathematics and one other Science subject. OPC - Open choice to either degree stream. You can decide which degree stream to take following admission. You can apply to MH602 only once.	
MH 603	Computational Thinking - a blend of Computer Science, Mathematics and Philosophy.	
<b>Part-time Programme:</b>		
MH 803	Local Studies or Community Studies (part-time, evening). Mature Students only Two degree options are available: BLS - Route 1 - BA in Local Studies BCS - Route 2 - BA in Community Studies OPC - Open choice to either degree stream. You can decide which degree stream you wish to take after Semester 1. You can apply to MH803 only once.	

### APPLYING THROUGH THE CENTRAL APPLICATIONS OFFICE (CAO)

If you are under 23, and sitting the Leaving Certificate in 2023, 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 218. All applicants (except EU occasional and non-EU students) must apply through the Central Applications Office. Apply online at [www.cao.ie](http://www.cao.ie) or request details from:

Central Applications Office, Tower House, Eglinton Street, Galway  
☎ + 353 91 509800

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 2023 but you may apply from early November 2022. A standard fee applies (apply by January 20th for a reduced fee). Late applications are accepted up to 1st May 2023, 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 2023. 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 5 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 1st January in the year of entry. For more information on applying as a mature student see page 208.

### LEAVING CERTIFICATE VOCATIONAL PROGRAMME (LCVP) LINK MODULES

Points are awarded as follows:

Distinction	Merit	Pass
66	46	28

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

### CAO POINTS SYSTEM

Irish Leaving Certificate Subjects

Higher Level			Ordinary Level		
New Grades	% Marks	New Points Awarded	New Grades	% Marks	New Points Awarded
H1	90 - 100	100			
H2	80 < 90	88			
H3	70 < 80	77			
H4	60 < 70	66			
H5	50 < 60	56	O1	90 - 100	56
H6	40 < 50	46	O2	80 < 90	46
H7	30 < 40	37	O3	70 < 80	37
H8	0 < 30	0	O4	60 < 70	28
			O5	50 < 60	20
			O6	40 < 50	12
			O7	30 < 40	0
			O8	0 < 30	0

All Leaving Certificate subjects carry equal points with the exception of \*Mathematics (details below). Points are awarded for your six best subjects in any one year. These do not have to include subjects needed to meet general minimum entry requirements. Minimum entry requirements and course requirements may be satisfied by an accumulation of subjects over more than one year. As well as achieving the required points, you must have a minimum of six subjects in your Leaving Certificate, with two Higher Level papers at grade H5 and four Ordinary or Higher Level papers at grade O6/H7.

The requirements for each course are shown in the table on page 5.

\* 25 bonus points will be added to the points score for a Leaving Certificate Higher Level Mathematics grade H6 or higher.

The bonus points are included in the overall points calculation only when Mathematics is one of the applicant's best six subjects following the addition of the bonus.

### RESTRICTED APPLICATION COURSES

MH103 and MH116 are Restricted Application courses at Maynooth University and have early assessment procedures which normally commence in March. Selection for these restricted courses is on the basis of one or a combination of a portfolio/test/audition as well as meeting any matriculation requirements.

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](http://www.cao.ie) for details).

Restricted Application Courses which are included in Late Applications are invalid choices and will not be considered.



# APPLICANTS REQUIRING EXTRA SUPPORTS

## DARE DISABILITY ACCESS ROUTE TO EDUCATION

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 prospectus 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 2023. There are other admissions routes for mature and QQI applicants and further information is available in this prospectus and on HEI websites.

### HOW TO APPLY TO DARE

1. Apply to CAO by 17:00 on 1 February 2023. DARE applications can only be made online at [cao.ie](http://cao.ie)
2. No later than 17:00 on 1 March 2023, 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 17:00 on 1 March 2023.
3. Download Section B of the SIF (Educational Impact Statement), have it completed by your school and returned to CAO to arrive by 17:00 on 15 March 2023.
4. Submit Section C Evidence of Disability documentation completed by the appropriate professional to CAO to arrive by 17:00 on 15 March 2023. Further details on the acceptable Evidence of Disability documentation is published in the DARE Handbook and on [accesscollege.ie/dare](http://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 2023 for students, parents and guardians who would like further information on applying to DARE. Details are available on [accesscollege.ie/dare](http://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](http://accesscollege.ie/hear)) will be prioritised first when making reduced points offers. All other DARE students will be offered places based on merit in accordance with the DARE criteria.

## HEAR HIGHER EDUCATION ACCESS ROUTE

The Higher Education Access Route (HEAR) is a third level admissions scheme for school-leavers from long-term socio-economically 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 prospectus 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 2023). There are other admissions routes for mature and QQI applicants and further information is available in this prospectus and on HEI websites.

### HOW TO APPLY TO HEAR

1. Apply online to CAO by 17:00 on 1st February 2023. HEAR applications can only be made online at [cao.ie](http://cao.ie)
2. Indicate on your CAO application that you wish to apply for the HEAR scheme (no later than 17:00 on 1st March 2023). Ensure you 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 17:00 on 15 March 2023.

#### Notes:

HEAR will hold a number of Application Advice Clinics nationwide in January 2023 for students, parents and guardians who would like further information on applying to HEAR. Details are available on [accesscollege.ie/hear](http://accesscollege.ie/hear)

Applicants who are eligible for both HEAR and DARE (Disability Access Route to Education [accesscollege.ie/dare](http://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, technological and social supports for HEAR students are available while studying at the University. Details can be found on [maynoothuniversity.ie/hear](http://maynoothuniversity.ie/hear)

# APPLICANTS WITH DISABILITIES REQUIRING EXAMINATION SUPPORTS

## APPLICANTS REQUIRING EXTRA SUPPORTS FOR RESTRICTED ENTRY COURSES WITH WRITTEN ASSESSMENT (MH103 and MH116)

Certain courses are Restricted Application Courses. They have early assessment procedures which may start as early as February. If you have a disability or specific learning difficulty (e.g. dyslexia), and require support for the written assessments, please complete the online request form and submit supporting documentation by 15 March 2023. Applications for alternative examination accommodation cannot be considered after this deadline. You can find further information on the supporting documentation required, the online request form, as well as the written assessment supports available at [maynoothuniversity.ie/study-maynooth-undergraduate-studies/how-apply/restricted-courses](http://maynoothuniversity.ie/study-maynooth-undergraduate-studies/how-apply/restricted-courses) and [maynoothuniversity.ie/disability](http://maynoothuniversity.ie/disability).

## MATURE APPLICANTS REQUIRING EXTRA SUPPORTS FOR ENTRY COURSES WITH WRITTEN ASSESSMENT

If you are a mature applicant with a disability or specific learning difficulty and you require support for the written assessments (degrees requiring written assessment are listed on page 209),

please complete the online request form and submit supporting documentation by 15 March 2023. Applications for alternative examination accommodation cannot be considered after this deadline.

You can find further information on the supporting documentation required, the online request form, as well as the written assessment supports available at [maynoothuniversity.ie/matureapplicants](http://maynoothuniversity.ie/matureapplicants) and [maynoothuniversity.ie/disability](http://maynoothuniversity.ie/disability).

## APPLICANTS REQUIRING EXTRA SUPPORTS FOR THE ENGINEERING MATHS EXAM

This exam provides prospective Engineering students applying to MH304 with an opportunity to secure the required H4 in Leaving Certificate Mathematics equivalence in order to meet the MH304 Maths entry requirement. Students with a disability or specific learning difficulty can apply for examination support for the Engineering Maths Exam. All information on the exam, including assessment supports available and application closing dates can be found at [www.maynoothuniversity.ie/mathsexam](http://www.maynoothuniversity.ie/mathsexam)

# NUI EXEMPTIONS

## Applying for an exemption

If you are seeking an exemption from minimum entry requirements such as Irish (ROI applicants only) or a third language you must contact the NUI (see [www.nui.ie](http://www.nui.ie) for details). Apply to the NUI without delay and no later than 21 days after opening your CAO account.

Member institutions of the NUI (which includes Maynooth University) have a matriculation requirement for Irish (ROI applicants only). Some of our courses also have a third language matriculation requirement.

Applicants must make arrangements for exemptions each year they apply. Please note: CAO plays no role in processing exemption applications.

## INFORMING CAO OF AN EXEMPTION

### > Exemption granted this year

NUI exemption: CAO expect to receive notification of exemptions directly from NUI beginning in February. If your exemption is still not appearing on your online application more than one month after it was granted please contact them.

### > Exemption granted in a prior year

NUI exemption from a prior year: If you have a copy of the letter granting your NUI exemption please post this to CAO. If you no longer have a copy of this letter then you will be required to contact NUI directly to advise them that you are reapplying to CAO. They will need your new CAO application number.

> Candidates born and fully educated outside the Republic of Ireland who are presenting qualifications other than the Leaving Certificate for matriculation are automatically exempt from Irish and do not need to make application to NUI.

> An NUI exemption from Irish will automatically be granted to candidates whose permanent residence is in Northern Ireland/ United Kingdom and who are presenting only GCE/GCSE qualifications for matriculation.

However, please note that this is an exemption from minimum entry requirements only. Where a course has a specific requirement for a certain grade in Irish, for example, Primary School Teaching Courses, an NUI exemption will not meet this requirement.

Visit [www.nui.ie](http://www.nui.ie) for all the most up-to-date information about exemptions.

# MATURE STUDENT APPLICANTS

Maynooth University greatly values the particular contribution of mature students to the academic and social environment of the University. A mature student is 23 years or older by 1st January in the year of entry to the University. For part-time degrees the mature age is 21. There is no upper age limit; we currently have students who range in age from 23 to over 70. Up to 200 mature students begin their studies here each year. Many of our mature entrants undertake preparatory studies in advance of gaining admission.

The Mature Student Office is committed to supporting the learning experience of our mature students. A certain number of places are reserved for mature students on all undergraduate courses. We offer a range of supports for mature students including an advisory service, the Launchpad Orientation programme, academic advisors, the student budgeting advice service and a technology skills programme. There is also a Mature Student Society on campus providing a continuation of peer support, both academic and social, to incoming mature students.

See the Mature Student handbook for detailed information about applying as a mature student. Call, email or drop in to meet us in MAP Lodge on the North Campus or to request a mature student information pack. If the opportunity to return to education has presented itself to you, we hope you'll choose Maynooth University.

+ 353 1 708 3307  
emer.sheerin@mu.ie

## HOW TO APPLY – MATURE ENTRY

Mature applicants must apply through the Central Applications Office (CAO) online before 1st February. Late applications for certain degree programmes from mature students may be accepted after this date - consult the Maynooth University Undergraduate Studies webpages for updates.

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/written assessment (degrees requiring written assessment are listed on page 209).

Applicants who wish to apply for the following restricted entry courses Bachelor of Music (MH103) or Community and Youth Work (MH116) MUST apply before 1st February in order to be included in the written assessment and interview.

## MATURE APPLICANTS WHO HAVE A DISABILITY OR SPECIFIC LEARNING DIFFICULTY (E.G. DYSLEXIA), AND REQUIRE EXAMINATION SUPPORT FOR THE WRITTEN TESTS

If you are a mature applicant with a disability or specific learning difficulty and you require support for the written assessments (degrees requiring written assessment are listed on page 209), please complete the online request form and submit supporting documentation by 15 March 2023. Applications for alternative examination accommodation cannot be considered after this deadline. You can find further information on the supporting documentation required, the online request form, as well as the written assessment supports available at [maynoothuniversity.ie/matureapplicants](http://maynoothuniversity.ie/matureapplicants) and [maynoothuniversity.ie/disability](http://maynoothuniversity.ie/disability).

## MATURE STUDENTS: DEGREES WITH ADDITIONAL SELECTION CRITERIA

### MH001/MH002 Primary Education

A combined application process is run between Maynooth University, DCU and Marino Institute of Education. Application must be made to the CAO prior to February 1st 2023. 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 1 474 7400  
froebel.department@mu.ie

## MATURE APPLICANTS TO THE FOLLOWING DEGREES ARE REQUIRED TO TAKE A WRITTEN ASSESSMENT

**MH103** BMus Bachelor of Music  
**MH106** BA Psychology  
**MH107** BSocSc Social Science  
**MH109** BA Media Studies  
**MH116** BSocSc Community and Youth Work (full-time)  
**MH201** BSc Science  
**MH202** BSc Biotechnology  
**MH203** BSc Biological & Geographical Sciences  
**MH204** BSc Physics with Astrophysics  
**MH206** BSc Theoretical Physics and Mathematics  
**MH207** BSc Data Science  
**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)  
**MH212** MED BSc Mathematics (with Education)  
**MH304** BE Engineering - Common Entry  
**MH305** BSc Product Design and Innovation  
**MH306** BSc Robotics and Intelligent Devices  
**MH401** BA Finance  
**MH402** BSc Quantitative Finance  
**MH403** BA Accounting and Finance  
**MH404** BMA BBS/BBA Business and Management  
**MH404** INB BBS/BBA International Business  
**MH404** MKT BBS/BBA Marketing  
**MH404** BGC/IGC/MGC BBS/BBA Business and Global Cultures  
**MH407** BBS/BBA Business and Accounting  
**MH409** BBA Business and Languages  
**MH411** BBS/BBA Entrepreneurship  
**MH412** BSc/BBA Business with Sport Science (NEW)  
**MH415** BSc Economics  
**MH416** BA International Economics (NEW)  
**MH501** LLB Law  
**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

Please see the Mature Student Handbook for more detail about applying to the University and the supports available for mature students at Maynooth.

If you have a disability or specific learning difficulty (e.g. dyslexia), and require support for the written assessments, see page 207.

Visit for more details  
[www.maynoothuniversity.ie/matureapplicants](http://www.maynoothuniversity.ie/matureapplicants)



If you have a relevant QQI or BTEC qualification, you can use this to apply to a degree programme at Maynooth University. This section outlines the qualifications and other requirements for applicants who hold, or expect to hold, QQI Certificates and who wish to pursue a full-time, undergraduate degree programme at Maynooth University.

Any QQI major award, with a minimum of five distinctions, fulfils the minimum entry requirements for admission to the University; however, due to the high demand for our courses, a higher number of distinctions is required for entry in many instances. Consult [www.maynoothuniversity.ie/howtoapply](http://www.maynoothuniversity.ie/howtoapply) for specific course entry requirements.

## HOW TO APPLY - QQI APPLICANTS

Applicants 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).

Apply online via [www.cao.ie](http://www.cao.ie) or by contacting:  
Central Applications Office, Tower House, Eglinton Street, Galway.  
☎ + 353 91 509800

There is a normal fee for applications received on or before 17:00, 1st February 2023 (apply by January 20th for a reduced fee). Late applications are accepted up to and including 1st May 2023 on payment of an additional fee. Applicants who wish to study Community and Youth Work (MH116) or Music (MH103) must apply before the 1st February 2023.

### 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.

## QQI SCORING

The best score for each applicant is calculated and the results are forwarded to the CAO in July of each year.

You can calculate your score using the free online points calculator at [www.careersportal.ie/qqi](http://www.careersportal.ie/qqi) which is based on the following scoring system:

Each level 5 and level 6 component is scored:

- > **3.25 for a Distinction**
- > **2.16 for a Merit**
- > **1.08 for a Pass**

This number is then multiplied by the individual component credit value to a maximum of 120 credits (a total of 390 points).

It may be easiest to multiply the individual component credit value by 3 for Distinction, 2 for Merit, and 1 for Pass, multiplying by 13 and dividing by 12. The maximum number of QQI points is 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 212 for more information.

The following degree programmes have QQI links:

CAO Code	Degree	Level 5 or 6 Places	2022 QQI Points
MH101	Arts	175	309
MH003	Early Childhood - Teaching and Learning (full-time)	6	341
MH004	Early Childhood - Teaching and Learning (flexible)	50	>
MH103	Bachelor of Music	3	No offers
MH106	Psychology (through Arts)	3	390*
MH107	Social Science	20	325
MH109	Media Studies	12	325
MH116	Community and Youth Work (full-time)	5	#
MH201	Science	15	341
MH202	Biotechnology	3	374
MH203	Biological and Geographical Sciences	3	390
MH208	Biological and Biomedical Sciences	7	341
MH209	Psychology (through Science)	2	No offers
MH210	Pharmaceutical and Biomedical Chemistry	2	374
MH305	Product Design and Innovation	3	No offers
MH306	Robotics and Intelligent Devices	3	358
MH401	Finance	3	No offers
MH403	Accounting and Finance	7	390
MH404	Business	20	325
MH404 BMA	Business and Management		
MH404 INB	International Business		
MH404 MKT	Marketing		
MH404 BGC/IGC/MGC	Business and Global Cultures		
MH407	Business and Accounting	3	325
MH409	Business and Languages	5	No offers
MH411	Entrepreneurship	5	374
MH412	Business with Sport Science (NEW)	5	N/L
MH416	International Economics (NEW)	3	N/L
MH501	LLB Law	5	358
MH502	Law and Accounting/Business/Criminology/Arts	15	358
MH601	Computer Science/Multimedia through Arts	5	341
MH602	Computer Science/Multimedia through Science	5	341

# Assessment involves test and interviews \* Random Selection: not everyone on these points was admitted

N/L New link - No offers > Level 6 Award in Early Childhood Education and Care required

# QQI APPLICANTS (CONTINUED)

The following degrees/subjects have additional minimum entry requirements (required grade depends on the degree/subject):

CAO Code	Degree/Subject
MH101	Arts subjects: Accounting (O4/H7 Mathematics <sup>2</sup> ) Business (O4/H7 Mathematics <sup>2</sup> ) Computer Science (O3/H7 Mathematics <sup>2</sup> ) Economics (O4/H7 Mathematics <sup>2</sup> ) Mathematical Physics (O3/H7 Mathematics <sup>2</sup> ) Mathematical Studies (O3/H7 Mathematics <sup>2</sup> ) Mathematics (Pure) (H2 <sup>1</sup> ) Music (H5 <sup>1</sup> ) Music Technology (O3/H7 Mathematics <sup>2</sup> ) Nua-Ghaeilge (H4 <sup>1</sup> ) Statistics (O3/H7 Mathematics <sup>2</sup> )
MH201	Science <sup>4</sup>
MH202	Biotechnology <sup>4</sup>
MH203	Biological & Geographical Sciences <sup>4</sup>
MH208	Biological and Biomedical Sciences <sup>4</sup>
MH209	Psychology (through Science) <sup>4</sup>
MH210	Pharmaceutical and Biomedical Chemistry <sup>4</sup>
MH305	Product Design and Innovation <sup>3</sup>
MH306	Robotics and Intelligent Devices <sup>3</sup>
MH401	Finance <sup>4</sup>
MH403	Accounting and Finance <sup>4</sup>
MH404 BMA	Business and Management <sup>4</sup>
MH404 INB	International Business <sup>4</sup>
MH404 MKT	Marketing <sup>4</sup>
MH404 BGC/IGC/MGC	Business and Global Cultures <sup>4</sup>
MH407	Business and Accounting <sup>4</sup>
MH409	Business and Languages <sup>4</sup>
MH411	Entrepreneurship <sup>4</sup>
MH412	Business with Sport Science <sup>4</sup>
MH416	International Economics <sup>4</sup>
MH601	Computer Science (through Arts) <sup>3</sup>
MH602	Computer Science (through Science) <sup>3</sup>

<sup>1</sup> Indicates Leaving Certificate grade REQUIRED to register for this subject following entry to MH101

<sup>2</sup> Indicates Leaving Certificate grade RECOMMENDED to register for this subject following entry to MH101

<sup>3</sup> Applicants to MH305/MH306/MH601/MH602 must present O3/H7 Mathematics at Leaving Certificate level or a Distinction in any QQI Level 5 Mathematics or Statistics module or a Merit in any Level 6 Mathematics or Statistics module.

<sup>4</sup> Applicants to MH201, MH202, MH203, MH209, MH210, MH401, MH403, MH404, MH407, MH409, MH411, MH412 and MH416 must present O4/H7 in Leaving Certificate Mathematics or a Distinction in any QQI Level 5 Mathematics or Statistics module or a Merit in any Level 6 Mathematics or Statistics module.

Applicants wishing to take Nua-Ghaeilge or Music (in the MH101 degree) must present: Leaving Certificate H4 Irish to study Nua-Ghaeilge / Leaving Certificate H5 Music to study Music. There is no equivalent QQI module for either of these two subjects.

# BTEC HIGHER NATIONAL DIPLOMA APPLICANTS

Holders of a BTEC Higher National Diploma, Extended National Diploma Award (180 credits) or OCR Level 3 Cambridge Technical Extended Diploma Award (180 credits) with Merit/Distinction Grade in any discipline, will be considered for admission to the first year of the MH101 Bachelor of Arts degree.

Applicants wishing to pursue any of the following honours bachelor's degree courses must present the appropriate award (these linked courses are listed under the various degrees below).

- > **MH107 BSocSc Bachelor of Social Science**
- > **MH109 BA Media Studies**
- > **MH401 BA Finance**
- > **MH403 BA Accounting and Finance**
- > **MH404 BBS/BBA Business and Management/International Business/Marketing/Business and Global Cultures**
- > **MH407 BBS/BBA Business and Accounting**
- > **MH409 BBA Business and Languages**
- > **MH411 BBS/BBA Entrepreneurship**
- > **MH412 BSc/BBA Business with Sport Science (NEW)**
- > **MH416 BA International Economics (NEW)**
- > **MH601 CSA BSc Computer Science and Software Engineering (through Arts)**
- > **MH601 MWA BSc Multimedia, Mobile and Web Development (through Arts)**
- > **MH602 CSS BSc Computer Science and Software Engineering (through Science)**
- > **MH602 MWS BSc Multimedia, Mobile and Web Development (through Science)**

Applicants will be graded on the best 6 modules in the second year.

For degrees that have a specific maths requirement, applicants must present Mathematics at Leaving Certificate level with a minimum grade of O4/H7 or must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

**Application is made through the Central Applications Office (CAO). Please email BTEC results when received to admissions@mu.ie, clearly stating the CAO application number.**

## MH101

- > BTEC Higher National Diploma
- > BTEC Extended National Diploma Award (180 credits)
- > OCR Level 3 Cambridge Technical Extended Diploma Award (180 credits)

Entry to the first year of the Bachelor of Arts Degree will be considered for holders of the above awards in all disciplines with Merit/Distinction Grade.

## MH107

### BTEC/OCR Awards

- > BTEC Higher National Diploma in Applied Social Studies/Social Care
- > BTEC Extended National Diploma Award in Applied Social Studies/Social Care (180 credits)

- > OCR Level 3 Cambridge Technical Extended Diploma Award in Applied Social Studies/Social Care (180 credits)

Entry to the first year of the Bachelor of Social Science degree will be considered for any of the above. Selection will be based on results.

## MH109

### BTEC/OCR Awards

- > BTEC Higher National Diploma in Media Studies/Media Production
- > BTEC Extended National Diploma Award in Media Studies/Media Production (180 credits)
- > OCR Level 3 Cambridge Technical Extended Diploma Award in Media Studies (180 credits)

Entry to the first year of the Bachelor of Media Studies degree will be considered for any of the above. Selection will be based on results.

## MH401 / MH403 / MH404 / MH407 / MH409 / MH411 / MH412 / MH416

### BTEC/OCR Awards

- > BTEC Higher National Diploma in Business (Mathematics required at Leaving Certificate level O4/H7 or distinction at minimum level 5)
- > BTEC Extended National Diploma Award in Business (180 credits)
- > OCR Level 3 Cambridge Technical Extended Diploma Award in Business (180 credits)

Entry to the first year of the Bachelor of Business Management, International Business, or Marketing degree will be considered for any of the above. Selection will be based on results.

For degrees which have a specific maths requirement, applicants who do not have Mathematics at Leaving Certificate level with a minimum grade of O4/H7 must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.

## MH601 / MH602

### BTEC

- > BTEC Higher National Diploma in Computer Science (Mathematics required at Leaving Certificate level O3/H7 or distinction at minimum level 5)
- > BTEC Extended National Diploma Award in Computing (180 credits)

Entry to the first year of the Bachelor of Computer Science & Software Engineering degree will be considered for any of the above. Selection will be based on results.

For degrees which have a specific maths requirement, applicants who do not have Mathematics at Leaving Certificate level with a minimum grade of O3/H7 must have a Distinction in a Mathematics or Statistics module or GCSE Grade B in Mathematics.



# UK, EU & INTERNATIONAL APPLICANTS



## APPLYING AS AN A LEVEL STUDENT

You must apply through the Central Applications Office (CAO) if you are presenting A levels. For more information on applying to the CAO see page 205.

## MINIMUM ENTRY REQUIREMENTS

Before CAO points can be calculated for any degree, the applicant must first satisfy the minimum entry requirements for entry to Maynooth University. **These are outlined below:**

Pass in 6 recognised subjects at GCSE at grade A, B or C.

AS Level subjects can also satisfy this requirement at grades A-E

## Plus

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).

Applicants must achieve a minimum of grade 4/C in English at GCSE level.

Since applicants from outside the Republic of Ireland are automatically entitled to an exemption from Irish, those presenting a grade C or grade 4 in Irish and English at GCSE satisfy the third language requirement for entry to programmes in which a third language is a requirement.

## SPECIFIC COURSE REQUIREMENTS

In addition to the above, some degree programmes require certain subjects at either GCSE or A Level. For instance, science degrees will require grade C/4 in a science subject and grade B/6 Mathematics at a minimum of GCSE level. Any such extra subject requirement(s) are listed under the individual degrees in this handbook.

For some degrees, students must achieve a minimum of grade C/4 in another language at GCSE level.

**When all of the above has been met, the points are calculated on the basis of:**

- (i) 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.

## CAO POINTS SYSTEM GCE / A LEVEL EXAMINATIONS

The model for converting A-Level grades to Leaving Certificate Points for the purposes of university entry is:

	A Level	4th A Level or	AS
A*	185	45	31
A	156	38	26
B	131	32	22
C	106	26	18
D	84	20	14
E	63	15	11

All subjects carry equal points except for Mathematics\*. Points for A Level subjects must be obtained in one exam sitting. AS Level points must be for different subjects to those taken at A Level and may be carried over from a previous sitting. Minimum entry requirements and course requirements may be satisfied by an accumulation of subjects over more than one year.

\* An additional 25 points are awarded for one grade E or better in A2 Mathematics - this will apply to one mathematics subject only and only if the subject is used for scoring purposes.

## EU STUDENTS APPLYING FOR A LEVEL 8 DEGREE (BACHELOR)

Applicants who live in another EU country must also apply through the Central Applications Office ([www.cao.ie](http://www.cao.ie)). For more information on applying to the CAO see p. 205.

Details of minimum entry requirements and English language proficiency requirements are available online at [www.nui.ie/college/entry-requirements.asp](http://www.nui.ie/college/entry-requirements.asp) or under the Student Resources section of the CAO website [www.cao.ie](http://www.cao.ie).

## NON-EU STUDENTS APPLYING FOR A LEVEL 8 DEGREE (BACHELOR)

Applications from Non-EU applicants must be made to the Graduate Studies Office using the PAC application system: [www.v2.pac.ie/institute/2](http://www.v2.pac.ie/institute/2)

Applications must be received by the 30th June 2023. To apply, please consult the application information on the International Office website at: [www.maynoothuniversity.ie/international](http://www.maynoothuniversity.ie/international). Details of requirements in relation to English language proficiency are also available on this website.

✉ [pacinfo@mu.ie](mailto:pacinfo@mu.ie)

🖱 [www.maynoothuniversity.ie/international](http://www.maynoothuniversity.ie/international)

ask on webchat

EU/international student considering applying to Maynooth University for an Erasmus/Study Abroad programme for one semester or one year? See the International Office website for details of our Erasmus/Study Abroad exchange programme.



# DEFERRING, TRANSFERRING & EU OCCASIONAL STUDENTS

## DEFERRING

An application can be made to defer your place for one year. Deferral requests must be granted by the Admissions Office.

When you receive your CAO offer, please see the Deferral section of the website for details about how to proceed.

Maynooth University Admissions Office, Humanity House,  
South Campus  
☎ +353 1 708 3822  
✉ caodeferrals@mu.ie  
👉 [www.maynoothuniversity.ie/howtoapply](http://www.maynoothuniversity.ie/howtoapply)

## TRANSFERRING

Students from other universities and third-level institutes may apply to transfer to 2nd year of a degree course at Maynooth University if they have obtained relevant awards, e.g. QQI Higher Certificate, two years of an Ordinary Degree or one year of an Honours Degree. Preference is normally given to candidates who have attained merit or distinction grades.

In some cases, transfer into third year is possible for holders of level 7 degrees in related disciplines, or 2 years of level 8 degrees in related disciplines.

All external transfer applicants must apply for Advanced Entry on the CAO before July 14th 2023.

Current Maynooth University students must apply online at [www.maynoothuniversity.ie/transfer](http://www.maynoothuniversity.ie/transfer)

Applications must be submitted by 14th July 2023.

Maynooth University Admissions Office,  
Humanity House,  
South Campus  
☎ +353 1 708 3822  
✉ transfers@mu.ie  
👉 [www.maynoothuniversity.ie/howtoapply](http://www.maynoothuniversity.ie/howtoapply)

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 2023. Application forms may be downloaded directly from the International Office website.

### Please note:

Students who are part of an institutional exchange programme e.g. Erasmus, should apply through the International Office.  
[www.maynoothuniversity.ie/international](http://www.maynoothuniversity.ie/international)

## EU OCCASIONAL STUDENTS

An EU occasional student is someone who wishes to study specific modules for a semester or for one academic year and is therefore liable for fees. EU 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. There is an online application form.

For queries on Non-EU Occasional applications, please contact the International Office at [international.office@mu.ie](mailto:international.office@mu.ie)

For queries on Non-EU Occasional applicant fees, please contact the Fees Office at [fees.office@mu.ie](mailto:fees.office@mu.ie)

Maynooth University Admissions Office, Humanity House,  
South Campus  
☎ +353 1 708 3822  
✉ admissions.occasionals@mu.ie  
👉 [www.maynoothuniversity.ie/howtoapply](http://www.maynoothuniversity.ie/howtoapply)

## 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](http://www.maynoothuniversity.ie/university-policies/academic-policies-procedures)

Any general queries that an applicant may have concerning the University's Policy on Applicants with Criminal Convictions may be addressed, in the first instance, for the attention of the Deputy Admissions Officer.

☎ +353 1 708 3822  
✉ admissions@mu.ie

# PLAN YOUR ACADEMIC YEAR 2023 – 2024



First Semester	
Event	Date
<b>SEPTEMBER</b>	
First year registration	28 August – 1 September 2023
Orientation week	18 – 22 September 2023
Lectures commence	25 – 29 September 2023
Fairs Day (opportunity to join Clubs & Societies)	28 September 2023
<b>OCTOBER</b>	
Halloween Ball	October 2023
Study Week	30 October – 3 November 2023
<b>DECEMBER</b>	
Conclusion of lectures	18 – 22 December 2023
Christmas vacation	25 December 2023 – 5 January 2024
<b>JANUARY</b>	
Study week	8 – 13 January 2024 (exams 12th, 13th)
First semester exams	15 – 27 January 2024
Inter-semester break	29 January – 2 February 2024

Second Semester	
Event	Date
<b>FEBRUARY</b>	
Lectures resume	5 – 9 February 2024
<b>MARCH</b>	
Study Week	25 – 28 March 2024
<b>APRIL</b>	
Clubs & Societies Awards	April 2024
Easter vacation	1 – 5 April 2024
<b>MAY</b>	
Conclusion of lectures	7 – 10 May 2024
Study week	13 – 18 May 2024 (exams 17th, 18th)
Summer Ball	May 2024
Second semester examinations	20 May – 8 June 2024

**DATES MAY CHANGE.**



# ALERT LIST & IMPORTANT DATES

## THE MAYNOOTH EDUCATION – 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 first year Critical Skills courses and second year Electives are also available from 2023 (see p. 12 for details or [maynoothuniversity.ie/maynootheducation](http://maynoothuniversity.ie/maynootheducation)). Critical Skills courses are now available for science students in second year.

## NEW ELECTIVES (10 CREDITS IN SECOND YEAR) INTRODUCED FOR 2023 INCLUDE:

- > The Growth and Development of the Irish Equine Industry
- > Influential Ideas in Economics
- > Foundations in Science Writing and Communication
- > Beginning French

## COURSE CHANGES

- > New degrees:
  - > MH412 BSc/BBA Business with Sport Science - a three year BSc or four year BBA degree (including a work or study abroad component in third year)
  - > MH416 BA International Economics - a four year BA degree with a work or study abroad component in third year
- > New subject:
  - > MH101 Arts: new 15 credit subject in first year - Language and Culture - which is for non-beginner French, German, or Spanish students

## CHANGES IN ENTRY REQUIREMENTS

The minimum requirement for the BE Bachelor of Electronic Engineering MH304 degree, for applicants under 23 years of age, changes from 300 points to 350 points for 2023 entry.

Other minimum entry requirements apply. Our Engineering Mathematics exam continues to be available for applicants who have not attained the required H4 in Mathematics.

[www.mu.ie/mathsexam](http://www.mu.ie/mathsexam)

## QQI LINKS

There are additional QQI links to the following degrees:

- > MH412 BSc/BBA Business with Sport Science
- > MH416 BA International Economics

## EXTERNAL TRANSFER APPLICATIONS

Applications from students wishing to apply for advanced entry (second or third year) to any of our degree programmes, from another higher education institution, will be managed through the CAO Advanced Entry portal as well as the University's website from 2023 onwards. Further details are available on the CAO website (Advanced Entry section) and [www.maynoothuniversity.ie/transfer](http://www.maynoothuniversity.ie/transfer)

## OTHER ACADEMIC CHANGES

> There are no other academic changes for 2023.

## STUDENT SUPPORTS

A National Student and Researcher (NSR) Helpdesk was established by the Department of Further and Higher Education, Research, Innovation and Science to assist displaced Ukrainian students and researchers access education in Ireland in further and higher education. The contact details are:  
NSRHelpdesk@mu.ie or +353 (0)1 4747788

Ukrainian applicants interested in studying in Maynooth University are welcome to email us at: [ukraineadmissions@mu.ie](mailto:ukraineadmissions@mu.ie)

IMPORTANT DATES	
Event	Date
Maynooth University Open Days	25th & 26th November 2022
CAO Information Evening – Maynooth University	11th January 2023
Spring and Summer Open Days	22nd April & 24th June 2023
Engineering Maths Examination for applicants to MH304 Electronic Engineering	August 2023
Information Day for Principals and Guidance Counsellors	12th September 2023

# FEES & GRANTS

Tuition fees are paid by the Irish government for Irish/EU nationals who have been ordinarily resident in an EU member state for at least three of the five years preceding entry to third level, subject to the following conditions.

## FEES FOR IRISH/EU NATIONALS

1. Tuition fees are paid by the State only for those attending a full-time undergraduate course.
2. The degree must be a minimum of two years in duration (other than in exceptional circumstances).
3. Tuition fees will not be paid by the State for students who are undertaking a second undergraduate course. However, fees will be paid for students who already hold a Level 6 or Level 7 qualification and are progressing to a Level 8 degree course, in the following circumstances:
  - a) If your existing qualification gives you the credits needed to meet the entry requirements, **and**
  - b) If an appropriate exemption from the normal duration of the degree course is available 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 waived 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 2022. This is subject to change depending on Government regulations. Check the website for updates [www.maynoothuniversity.ie/student-fees-grants](http://www.maynoothuniversity.ie/student-fees-grants)

More details about fees for individual courses are available from the Fees and Grants Office.

Maynooth University Fees and Grants Office

☎ + 353 1 708 4747

✉ [fees.office@mu.ie](mailto:fees.office@mu.ie)

🖱 [www.maynoothuniversity.ie/student-fees-grants](http://www.maynoothuniversity.ie/student-fees-grants)

 **ask on webchat**

## 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 2022-2023 through [www.studentfinance.ie](http://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](mailto:international.office@mu.ie)

🖱 [www.maynoothuniversity.ie/international](http://www.maynoothuniversity.ie/international)

## FEES FOR STUDENTS OF PART-TIME MH803 BA LOCAL STUDIES / BA COMMUNITY STUDIES

This is a completely modularised degree. Students only pay for the modules to which they are registered. Once a student is fully registered to the degree they may contact the Fees and Grants Office to enquire about a payment plan. As a part-time degree this programme does not qualify people from either a SUSI or maintenance grant.

The Fees and Grants Office hold regular information sessions and webinars throughout the academic year for any queries you may have. You can find more information on the website

[www.maynoothuniversity.ie/student-fees-grants](http://www.maynoothuniversity.ie/student-fees-grants)



# POSTGRADUATE COURSES AT MAYNOOTH UNIVERSITY

At Maynooth University, it is the individual that matters and for your postgraduate studies, our small class sizes and one-to-one guidance from senior lecturers and global researchers will challenge and inspire you. Our Taught Masters Programmes are designed to foster and deepen our students' knowledge and skills in a specific subject area at postgraduate level. Our programmes offer students the opportunity to specialise in an area of interest closely aligned to their undergraduate degree or current career path, or to expand their skills and knowledge to develop their career path in a new direction.

We offer a wide range of taught masters qualifications including Master of Arts, Master of Science, Master of Social Science, LLM, Master of Education and Professional Master of Education.

## SOME OF OUR NEW POSTGRADUATE PROGRAMMES INCLUDE:

- > LLM International Law
- > MSc Digital Marketing
- > MA Creative Writing
- > MSc Environmental Psychology
- > Certificate in Global Citizenship Education

## CONVERSION COURSES AT MAYNOOTH UNIVERSITY

Maynooth University offers a range of Conversion Courses for students who want to move into a new area where they do not have previous experience. The following courses are for those who would like to upskill in a new area including:

- > Conversion options into Accounting, Finance and Economics
- > Conversion options into Law careers
- > Conversion Masters in Business (designed for graduates without a Business degree)
- > Conversion Masters in Design Innovation (Marketing, IT, Design, Entrepreneurship)
- > Conversion into MA Creative Music Technologies

## THE MAYNOOTH UNIVERSITY POSTGRADUATE PROSPECTUS

Scan the QR code below to learn more about our postgraduate programmes, our campus and student experience, and hear directly from our staff and students.



## PG TAUGHT PROGRAMMES

- > Adult & Community Education
- > Ancient Classics
- > Anthropology
- > Applied Social Studies
- > Biology
- > Business
- > Chinese Studies
- > Computer Science
- > Design Innovation
- > Economics
- > Education
- > English
- > French
- > Froebel
- > Geography
- > German
- > History
- > Immunology
- > International Development
- > Law
- > Mathematics & Statistics
- > Media Studies
- > Medieval Irish
- > Music
- > Nua-Ghaeilge
- > Philosophy
- > Psychology
- > School Of Modern Languages
- > Sociology
- > Spanish
- > The Language Centre
- > Theoretical Physics

For complete PG Postgraduate programmes available at Maynooth University, please scan the QR code for our online PG prospectus.

## PG RESEARCH DEGREES

- > Adult & Community Education
- > Ancient Classics
- > Anthropology
- > Applied Social Studies
- > Biology
- > Business
- > Chemistry
- > Chinese Studies
- > Computer Science
- > Design Innovation
- > Economics
- > Education
- > Electronic Engineering
- > English
- > Experimental Physics
- > French
- > Geography
- > German
- > Hamilton
- > History
- > Law
- > Mathematics & Statistics
- > Media Studies
- > Medieval Irish
- > Music
- > National Centre For Geocomputation
- > Nua-Ghaeilge
- > Philosophy
- > Psychology
- > School Of Modern Languages
- > Sociology
- > Spanish
- > Theoretical Physics

For complete PG Postgraduate programmes available at Maynooth University, please scan the QR code for our online PG prospectus.

## STRUCTURED PHD/ RESEARCH PROGRAMMES

All research students at Maynooth University undertake a structured research MSc/MLitt or PhD programme, each of which incorporates educational opportunities relevant to research and professional development. Maynooth University research students develop a skillset that includes advanced research and analysis techniques, as well as a broad range of transferable skills. The Maynooth University Research Skills Development Programme draws on the expertise of the Graduate Studies and Research Development Offices, in conjunction with faculties, departments and professional units within the University, to further support research students in acquiring the skills and experience necessary to become independent academic researchers and to develop their careers in multiple settings beyond academia. This support is offered through the provision of a number of interdisciplinary modules and workshops. Research programmes at Maynooth University balance both research-specific and professional development education to ensure our research students are prepared for a future of engaging in excellent research and excelling in a variety of challenging careers.

## POSTGRADUATE SCHOLARSHIPS

Maynooth University invests €1.4 million annually in our postgraduate students at Master's and PhD level. For more information on our research and taught master scholarships, please visit [www.mu.ie/postgrad](http://www.mu.ie/postgrad)

## HOW TO APPLY

Applications for all Maynooth University postgraduate programmes must be made online through the Postgraduate Applications Centre (PAC) at [www.pac.ie/maynoothuniversity](http://www.pac.ie/maynoothuniversity). PAC is an online application system that allows applicants, to apply for up to three taught or one research programme at Maynooth University. Programme selection can be from any of our PhD, Research and Taught Masters, Postgraduate Diplomas or Certificate courses.

## RECOGNITION OF PRIOR LEARNING FOR POSTGRADUATE PROGRAMMES AT MAYNOOTH UNIVERSITY

Recognition of Prior Learning (RPL) allows your prior learning to be identified, assessed and formally recognised, regardless of whether you have attained that learning in an education setting or through professional, vocational or life experiences. At Maynooth University, RPL can be used for the purposes of programme admission, advanced entry and module exemptions. For more information, please email [RPL@mu.ie](mailto:RPL@mu.ie)

## CONTACT THE GRADUATE STUDIES OFFICE

The Graduate Studies Office provides advice and support for students in all aspects of postgraduate study. You can contact us by:

☎ + 353 1 708 3467

✉ [pgstudies@mu.ie](mailto:pgstudies@mu.ie)

📘 @PostGraduateMaynooth

🐦 @MU\_PostGrad

🌐 Postgraduate Maynooth

📷 [postgraduate\\_maynooth](https://www.instagram.com/postgraduate_maynooth)





# NUI CERTIFICATES & DIPLOMAS AT MAYNOOTH UNIVERSITY

## NUI CERTIFICATE FOUNDATION COURSES

**Return to Learning**  
☎ + 353 1 708 6062

**Science and Engineering**  
☎ + 353 1 708 6025

## NUI CERTIFICATE COURSES

**Addiction Studies**  
☎ + 353 1 708 6062

**Adult & Community Education**  
☎ + 353 1 708 6062

**Creative Writing for Publication**  
☎ + 353 1 708 6062

**Directing for Theatre**  
☎ + 353 87 275 9420

**Disability Studies**  
☎ + 353 1 708 6062

**Local History**  
☎ + 353 1 708 6062

**Nua-Ghaeilge: Certificate in Irish**

**Cultural Heritage**  
☎ + 353 1 708 3666

**Psychology**  
☎ + 353 1 708 6062

## NUI CERTIFICATE MODULAR PROGRAMMES

**Culture & Society**  
☎ + 353 1 708 6062

**People, Place and Heritage**  
☎ + 353 1 708 6062

**NUI PROFESSIONAL  
DEVELOPMENT COURSES**  
**NUI Certificates Adult Guidance,  
Theory & Practice**  
☎ + 353 1 708 3752

**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:  
Adult Guidance and Counselling**  
☎ + 353 1 708 3752

**Diploma in Arts: Training and Development  
for Socially Inclusive Workplaces**  
☎ + 353 1 708 6062

**Language Centre:  
An Dioplóma i mÚineadh na Gaeilge  
(Daoine Fásta)**  
☎ + 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](http://www.maynoothuniversity.ie/adult-and-community-education)

**NB:** Courses may change. See website for most up-to-date information.

 **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 are 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.

## BACHELOR'S 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 1/6 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.

# GLOSSARY OF TERMS (CONTINUED)

## HETAC

The Higher Education Training and Awards Council.

## HONOURS (HONS) DEGREE

A full undergraduate degree that usually requires completion of a final year dissertation or research project. This is a Level 8 award on the National Framework of Qualifications.

## LAB WORK

Certain degrees, especially within the Faculty of Science and Engineering, involve a substantial amount of laboratory work. This consists of a series of hands-on, practical sessions where students enjoy the opportunity to explore the reality behind the theory of their chosen subjects, under the supervision of experienced staff members.

## LECTURES

Students are expected to attend each one of a series of lectures as part of the degree. Lectures address the core of the subjects, introducing the main ideas, and providing a guide to further research and reading. Lectures are delivered to groups of students, varying in size from 40 to 450 people.

## LECTURERS OR TUTORS

Lecturers and tutors are members of the University academic staff and have responsibility for teaching and helping students with their studies.

## MASTER'S DEGREE

An academic degree awarded by the University upon completion of at least one year of prescribed study beyond the bachelor's degree.

## MATURE APPLICANT

An applicant who is 23 years of age on January 1st of the year of entry to the University. For part-time degrees the mature age requirement is 21 on January 1st of the year of entry.

## MAYNOOTH EDUCATION

Our revised curriculum offers greater flexibility and choice to students, including: broader CAO entry routes, optional first year (second year in the case of the relevant science degrees) 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).

## MODULES

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/level8](http://www.maynoothuniversity.ie/level8)

## 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.

## QQI

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 (NQA).

## 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.

# USEFUL CONTACTS

MANY OF THE UNIVERSITY  
OFFICES ARE NOW AVAILABLE  
ON WEBCHAT

## GENERAL UNIVERSITY ENQUIRIES

☎ + 353 1 708 6000  
✉ + 353 1 628 9063

## UNDERGRADUATE ADMISSIONS

☎ + 353 1 708 3822  
✉ + 353 1 708 4614  
✉ admissions@mu.ie  
📍 [www.maynoothuniversity.ie/level8](http://www.maynoothuniversity.ie/level8)  
🐦 @MaynoothCAO  
📱 @MaynoothCAO  
🎵 @MaynoothCAO  
📺 @MaynoothCAO  
📺 @MaynoothCAO

## POSTGRADUATE ADMISSIONS

☎ + 353 1 708 6018  
✉ + 353 1 708 3359  
✉ pgstudies@mu.ie  
📍 [www.maynoothuniversity.ie/graduate-studies](http://www.maynoothuniversity.ie/graduate-studies)  
🐦 @mu\_postgrad  
📺 @PostGraduateMaynooth

## CENTRE FOR ADULT EDUCATION

☎ + 353 1 708 3937  
✉ + 353 1 708 4687  
✉ adcomed@mu.ie  
📍 [www.maynoothuniversity.ie/adult-and-community-education](http://www.maynoothuniversity.ie/adult-and-community-education)  
🐦 @mu\_aced

## INTERNATIONAL OFFICE

☎ + 353 1 708 3868  
✉ + 353 1 708 6113  
✉ international.office@mu.ie  
📍 [www.maynoothuniversity.ie/international](http://www.maynoothuniversity.ie/international)  
Find us on Facebook

## FEES & GRANTS OFFICE

☎ + 353 1 708 4747/3875  
✉ + 353 1 708 3935  
📍 [www.maynoothuniversity.ie/student-fees-grants](http://www.maynoothuniversity.ie/student-fees-grants)  
Find us on Twitter

## ACCOMMODATION OFFICE

☎ + 353 1 708 3322  
✉ + 353 1 708 3523  
📍 [www.maynoothuniversity.ie/accommodation](http://www.maynoothuniversity.ie/accommodation)  
Find us on Twitter

## ACCESS OFFICE

☎ + 353 1 708 6025  
✉ access.office@mu.ie  
📍 [www.maynoothuniversity.ie/access-office](http://www.maynoothuniversity.ie/access-office)

## MATURE STUDENT OFFICE

**Mature Student Officer:**  
Emer Sheerin  
✉ emer.sheerin@mu.ie  
☎ + 353 1 708 3307

## GENERAL INFORMATION FOR MATURE STUDENTS

📍 [www.maynoothuniversity.ie/maturestudents](http://www.maynoothuniversity.ie/maturestudents)  
**Application procedures:**  
[www.maynoothuniversity.ie/howtoapply](http://www.maynoothuniversity.ie/howtoapply)

## DISABILITY OFFICE

☎ + 353 1 708 6341  
✉ access.office@mu.ie  
📍 [www.maynoothuniversity.ie/study-maynooth/supporting-students-disabilities](http://www.maynoothuniversity.ie/study-maynooth/supporting-students-disabilities)

## ACADEMIC ADVISORY OFFICE

☎ + 353 1 708 3368  
✉ advisory.office@mu.ie  
📍 [www.maynoothuniversity.ie/centre-teaching-and-learning](http://www.maynoothuniversity.ie/centre-teaching-and-learning)

## CRÈCHE

☎ + 353 1 708 3319  
✉ creche.care@mu.ie

## CAREER DEVELOPMENT CENTRE

☎ + 353 1 708 3592  
✉ careers@mu.ie  
📍 [www.maynoothuniversity.ie/careers](http://www.maynoothuniversity.ie/careers)

## CHAPLAINCY

☎ + 353 1 708 3320  
✉ chaplaincy@mu.ie  
📍 [www.maynoothuniversity.ie/chaplaincy](http://www.maynoothuniversity.ie/chaplaincy)

## COUNSELLING SERVICE

☎ + 353 1 708 3554  
✉ creche.care@mu.ie  
📍 [www.maynoothuniversity.ie/counselling](http://www.maynoothuniversity.ie/counselling)

## STUDENT HEALTH CENTRE

☎ + 353 1 708 3878  
✉ healthcentre@mu.ie  
📍 [www.maynoothuniversity.ie/studenthealthcentre](http://www.maynoothuniversity.ie/studenthealthcentre)

## STUDENT HELP DESK

☎ + 353 1 474 7444  
✉ studenthelp@mu.ie  
📍 [www.maynoothuniversity.ie/studenthelp](http://www.maynoothuniversity.ie/studenthelp)

## STUDENT SERVICES

☎ + 353 1 708 4729  
✉ + 353 1 708 6749  
✉ student.services@mu.ie  
📍 [www.maynoothuniversity.ie/student-services](http://www.maynoothuniversity.ie/student-services)

## SPORTS OFFICE

☎ + 353 1 708 6406  
✉ paul.davis@mu.ie  
📍 [www.maynoothuniversity.ie/campuslife/student-life-sport/sports](http://www.maynoothuniversity.ie/campuslife/student-life-sport/sports)

## HOMEFINDER SERVICE (OFF CAMPUS ACCOMMODATION)

☎ + 353 1 708 4729  
✉ homefinder.services@mu.ie  
📍 [www.maynoothuniversity.ie/accommodation/accommodation-private-sector](http://www.maynoothuniversity.ie/accommodation/accommodation-private-sector)

## MAYNOOTH STUDENTS' UNION

☎ + 353 1 708 3669  
✉ frontdesk@msu.ie  
📍 [www.msu.ie](http://www.msu.ie)

## STUDENT BUDGETING ADVICE SERVICE - MONEY MATTERS

☎ + 353 1 708 4729  
✉ student.budget@mu.ie  
📍 [www.maynoothuniversity.ie/money-matters](http://www.maynoothuniversity.ie/money-matters)

## PROGRAMME ADVISORY OFFICE

✉ programme.choices@mu.ie  
📍 [www.maynoothuniversity.ie/programme-advisory-office](http://www.maynoothuniversity.ie/programme-advisory-office)



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 and Innovation, BSc Robotics and Intelligent Devices, as well as Student Access and Student Disability.

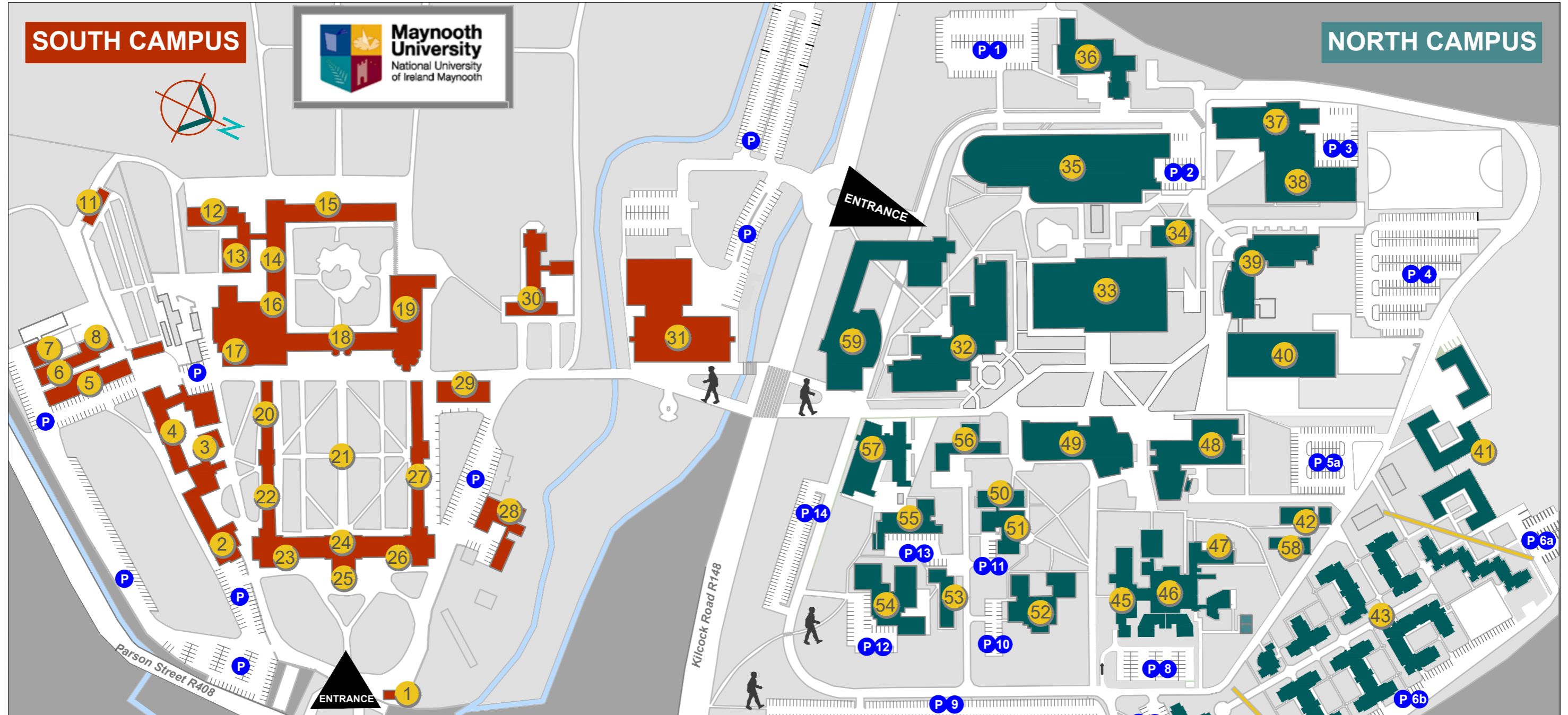
Information may be subject to change.  
See [www.maynoothuniversity.ie](http://www.maynoothuniversity.ie) for the latest information.

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# SOUTH CAMPUS

# NORTH CAMPUS



- Arts Building 33
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- John Paul II Library 31

- Junior Infirmary 11
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Car parking on campus offers a mix of spaces for students, staff and visitors. Please check [www.maynoothuniversity.ie/location](http://www.maynoothuniversity.ie/location) for details about restrictions.





# UNDERGRADUATE EVENTS 2022–2023

EVENT	DATE
Open Days	Friday 25th November 2022 Saturday 26th November 2022
CAO Information Evening	Wednesday 11th January 2023
Spring Open Day	Saturday 22nd April 2023
Summer Open Day	Saturday 24th June 2023
Information Day for School Principals and Guidance Counsellors	Tuesday 12th September 2023
Campus Tours	Contact <a href="mailto:admissions@mu.ie">admissions@mu.ie</a>
Schools' Liaison	We offer a range of in-person and virtual information events to our education partners.

For details of the locations and times of all undergraduate events check [www.mu.ie/undergradevents](http://www.mu.ie/undergradevents)



visit our  
open days

For all your Maynooth and CAO level 8 degree questions visit: [www.mu.ie/level8](http://www.mu.ie/level8)



**Maynooth University Admissions Office**  
Humanity House, South Campus,  
Maynooth, Co. Kildare, Ireland, W23 X021

+ 353 1 708 3822  
✉ [admissions@mu.ie](mailto:admissions@mu.ie)  
📍 [www.mu.ie/level8](http://www.mu.ie/level8)

      
**@MaynoothCAO**