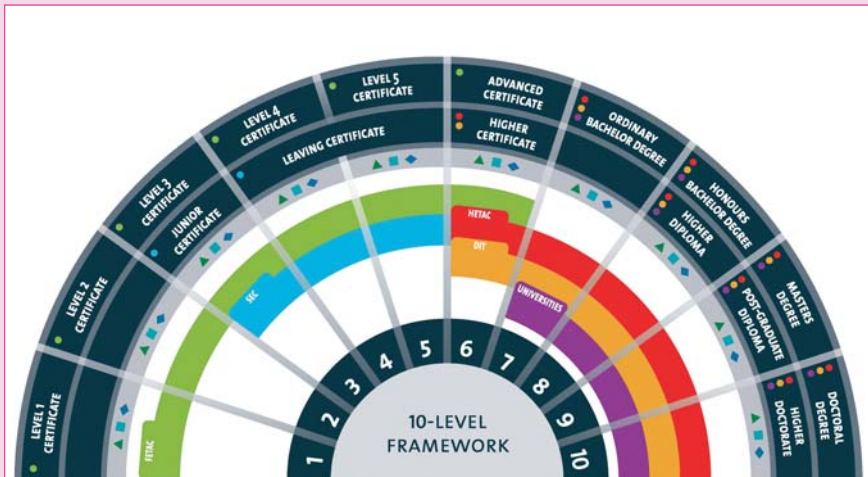


Accredited Engineering Programmes in Irish Universities and Institutes of Technology



The names of the sections in this part of the book reflect the structure of the National Framework of Qualifications implemented by the National Qualifications Authority of Ireland. This structure is intended to simplify and make more coherent the qualifications awarded in Irish colleges. Since 2005, students who graduate do so under this structure.

The sub-sections in this section have been renamed using the NFQ levels but the individual courses in the tables are still named with the award type that is achieved at the end of the course. So for instance, doing the Level 8 course DC121 in DIT earns

a bachelor of science but the course DC191 earns a bachelor of engineering. Further information on this structure is available on the website of the National Qualifications Authority of Ireland – www.nqai.ie.

Accredited Level 6 engineering programmes

The courses listed below are approved as leading to technician membership of Engineers Ireland (TechIE; Dublin Accord). This list of accredited Level 6 programmes is correct at the time of going to press, but may be subject to change.* For the most up-to-date list available, consult the Engineers Ireland website – www.engineersireland.ie.

Note

The abbreviation HC stands for higher certificate.

It is recommended that you consult the handbook of the Central Applications Office (CAO) or go to the CAO website – www.cao.ie – for a complete up-to-date list of all engineering courses on offer.

*Accreditation process

Accreditation of a course can only take place once it has produced a graduating class. Thus many courses may still be undergoing the accreditation process. Once accredited by Engineers Ireland, this status normally lasts for a five-year period. The individual programmes must then be re-accredited.

CAO code	Course title	CAO points			
		2006	2007	2008	2009
Athlone Institute of Technology (www.ait.ie)					
AL010	Mechanical Engineering	135	150	155	130
AL011	Electronics and Computer Engineering	155	155	125	120
AL013	Civil Engineering	150	150	135	140
Institute of Technology Blanchardstown (www.itb.ie)					
BN001	Engineering (Electronics & Computer Engineering)		210	195	200
Institute of Technology Carlow (www.itcarlow.ie)					
CW406	Civil Engineering	200	200	220	220
Dublin Institute of Technology (www.dit.ie)					
DT089	Engineering Technology	100	135	135	160
Galway-Mayo Institute of Technology (www.gmit.ie)					
GA670	Mechanical Engineering	210	295	300	335
Limerick Institute of Technology (www.lit.ie)					
LC451	Engineering (Civil)	320	280	250	235
LC821	Engineering (Mechanical and Manufacturing)		220	215	250
Institute of Technology Sligo (www.itsligo.ie)					
SG338	Civil Engineering		280	270	230
Institute of Technology Tallaght (www.itallaght.ie)					
TA201	Electronic Engineering	AQA	135	AQA	AQA
TA202	Electro - Mechanical Engineering	AQA	AQA	105	AQA
TA203	Mechanical Engineering	120	125	AQA	AQA
Institute of Technology Tralee (www.ittralee.ie)					
TL620	Civil Engineering	210	200	220	220
TL650	Agriculture Engineering	145	230	200	195
TL670	Mechanical Engineering	AQA	105	AQA	150

CAO code	CAO points Course title	2006	2007	2008	2009
Waterford Institute of Technology (www.wit.ie)					
WD010	Electronics Engineering	195	220	200	230
WD011	Mechanical Engineering	200	200	200	210
WD040	Building Services Engineering	200	200	205	205

* = Not all on this points score were offered places; N/A = not applicable; AQA = All qualified applicants; NO = No offer.

Accredited Level 7 engineering programmes

The courses listed below are approved as leading to Associate Membership of Engineers Ireland (AMIEI; Sydney Accord). This list of accredited Level 7 programmes is correct at the time of going to press, but may be subject to change. For the most up-to-date list available, consult the Engineers Ireland website: www.engineersireland.ie.

The abbreviations BEng (Ord), BEngTech, BTech and BSc stand for ordinary level bachelor degree, bachelor of engineering technology, bachelor of technology and bachelor of science, respectively. It is recommended that you consult the handbook of the Central Applications Office (CAO) or go to the CAO website – www.cao.ie – to get a complete list of all engineering courses on offer. Please note that in some cases CAO points may refer to those for entry to the corresponding Level 6 course.

CAO code	CAO points Course title	2006	2007	2008	2009
Athlone Institute of Technology (www.ait.ie)					
AL024	Engineering - Mechatronics	190	150	165	170
AL048	Mechanical Engineering & Renewable Energies				255
Institute of Technology, Blanchardstown (www.itb.ie)					
BN009	Mechatronics	205	200	200	180
BN012	Computer Engineering	205	200	170	180
BN015	Engineering		205	AQA	190

CAO code	CAO points Course title	2006	2007	2008	2009
Institute of Technology Carlow (www.itcarlow.ie)					
CW517	Mechanical Engineering		205	215	225
CW527	Electronic Engineering	105	180	195	210
CW507	Engineering in Aircraft Systems	250	300	280	300
CW427	Civil Engineering	200	200	250	260
Cork Institute of Technology (www.cit.ie)					
CR051	Civil Engineering	340	340	3200	240
CR061	Electronic Engineering	AQA	AQA	215	200
CR062	Electrical Engineering	AQA	220	220	235
CR071	Mechanical Engineering	230	215	270	320
CR072	Building Services Engineering	250	225	200	200
CR095	Marine Engineering (National Maritime College of Irl)		280	230	285
Dundalk Institute of Technology (www.dkit.ie)					
DK740	Electrical and Electronic Systems			205	205
DK742	Mechanical Engineering			160	225
DK744	Civil Engineering	150	230	180	145
DK743	Building Services Engineering				225
Dublin Institute of Technology (www.dit.ie)					
DT004	Civil Engineering	395	400	360	260
DT005	Building Services Engineering	335	300	225	150
DT006	Mechanical Engineering	335	305	330	315
DT008	Electronics and Communications Engineering	160	160	190	205
DT010	Electrical Services Engineering	225	235	245	260
Galway-Mayo Institute of Technology (www.gmit.ie)					
GA473	Civil Engineering	380	390	390	350
GA570	Computer and Electronic Engineering	205	205	255	300
Letterkenny Institute of Technology (www.lyit.ie)					
LY527	Civil Engineering	AQA	205	165	AQA
LY607	Electronic Engineering	115	170	AQA	105
LY617	Mechanical Engineering	AQA	AQA	AQA	AQA
LY627	Computer Engineering	AQA	115	AQA	AQA
Limerick Institute of Technology (www.lit.ie)					
LC791	Electronic Engineering	200	185	190	270
LC771	Automation amd Control Technology	210	240	230	235
LC851	Mechanical Engineering	250	255	240	260

CAO		CAO points			
code	Course title	2006	2007	2008	2009
Institute of Technology, Sligo (www.itsligo.ie)					
SG334	Mechatronics		160	140	185
Institute of Technology, Tallaght (www.ittallaght.ie)					
TA213	Mechanical Engineering	205	190	205	125
TA215	Energy & Environmental Engineering				250
TA216	Electronic Engineering				165
Waterford Institute of Technology (www.wit.ie)					
WD139	Civil Engineering	260	290	260	260

* = Not all on this points score were offered places; N/A = not applicable; AQA = All qualified applicants; NO = No offer; # = Test/interview/portfolio.

Accredited Level 8 engineering programmes

The courses listed below are accredited as leading to Ordinary Membership of Engineers Ireland (MIEI; Washington Accord). Unless specified leading to Associate Membership of Engineers Ireland (AMIEI, Sydney Accord). This list of accredited Level 8 programmes is correct at the time of going to press, but may be subject to change. For the most up-to-date list available, consult the Engineers Ireland website. Similarly, to check the

accreditation status of courses in Northern Ireland, consult the website of the Engineering Council (UK). www.engineersireland.ie/ www.engc.org.uk/

The abbreviations BE and BAI stand for honours level bachelor of engineering. It is recommended that you consult the handbook of the Central Applications Office (CAO) or go to the CAO website – www.cao.ie – to get a complete list of all engineering courses on offer.

CAO		CAO points			
code	Course title	2006	2007	2008	2009
University College Cork (www.ucc.ie)					
CK601	Process & Chemical Engineering		480	485	475
CK602	Civil & Environmental Engineering		520	500	485
CK603	Energy Engineering			535	520
CK605	Electrical & Electronic Engineering		335	300	355

CAO code	Course title	CAO points			
		2006	2007	2008	2009
Institute of Technology, Blanchardstown (www.itb.ie)					
BN105	Mechatronics		200	205	230
BN106	Computer Engineering		220	240	210
BN108	Engineering		270	215	230
Cork Institute of Technology (www.cit.ie)					
CR105	Chemical and Biopharmaceutical Engineering	335	320	350	375
CR108	Mechanical Engineering	310	330	330	330
CR109	Structural Engineering	410	440	390	420
CR520	Biomedical Engineering			430	350
CR360	Instrument Engineering				310
CR500	Engineering (Common Entry)				310
Dublin City University (www.dcu.ie)					
DC191	Electronic Engineering	285	255	325	340
DC192	Information and Communications Engineering	385	400	425	380
DC193	Mechatronics Engineering	280	370	350	355
DC195	Mechanical and Manufacturing Engineering	335	355	335	335
DC196	Manufacturing Engineering with Business Studies	345	385	530	350
DC197	Biomedical Engineering	280	345	345	325
DC199	Digital Media Engineering	330	310	385	395
DC200	Engineering (Common Entry)		385	340	325
University College Dublin (www.ucd.ie)					
DN047	Engineering Technology		315	360	355
DN071	Chemical Engineering or Bioprocess Engineering	355	360	425	445
DN072	Civil Engineering	480	485	470	410
DN073	Electronic Engineering or Electrical Engineering	360	395	355	330
DN074	Mechanical Engineering	435	440	360	375
DN076	Biosystems Engineering	480	395	455	AQA
DN077	Engineering	495	495	475	445
DN078	Structural Engineering with Architecture		500	495	460
DN080	Engineering Science		480	455	450
Dublin Institute of Technology (www.dit.ie)					
DT021	Electrical and Electronic Engineering	365	350	335	350
DT023	Manufacturing and Design Engineering			375	405
DT025	Engineering	420	420	410	390
DT081	Computer & Communications Engineering	295	310	360	335

CAO		CAO points			
code	Course title	2006	2007	2008	2009
National University Of Ireland, Galway (www.ucg.ie)					
GY401	Engineering (Undenominated)	450	445	400	405
GY402	Civil Engineering	470	455	425	400
GY403	Electronic Engineering	330	325	380	350
GY405	Mechanical Engineering	380	360	360	390
GY406	Electronic and Computer Engineering	310	375	445	410
GY408	Biomedical Engineering	400	410	405	425
GY409	Enviromental Engineering	425	400	415	415
University of Limerick (www.ul.ie)					
LM069	Computer Engineering	420	400	435	430
LM070	Electronic Engineering	400	460	395	410
LM071	Biomedical Engineering		420	415	425
LM073	Mechanical Engineering	405	400	395	395
LM074	Computer Aided Engineering and Design		375	510	440
LM077	Aeronautical Engineering	410	400	395	390
LM079	Manufacturing Engineering	365	360	375	380
LM085	Civil Engineering			490	460
LM112	Robotic Engineering		355	410	410
National University of Ireland, Maynooth (www.nuim.ie)					
MH301	Electronic Engineering with Computers	395	AQA	350	480
MH302	Electronic Engineering	310	350	385	405
MH303	Electronic Engineering with Communications	345	350	AQA	345
MH304	Engineering (Common entry)		435	370	365
Trinity College Dublin (www.tcd.ie)					
TR032	Engineering (undenominated)	440	450	455	410
TR033	Computer Science	355	355	355	350
TR038	Engineering with Management		375	375	370
Waterford Institute of Technology (www2.wit.ie)					
WD085	Mechanical and Manufacturing Engineering		260	270	280
WD086	Electronic Engineering	390	380	375	325

* = Not all on this points score were offered places; AQA = All qualified applicants; N/A = not applicable; NO = no offer.

The following table includes a list of courses accredited by the Engineering Council of the United Kingdom as leading to CEng status.

Northern Ireland

CAO

code	Course title
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Queen's University Belfast (www.qub.ac.uk)

H400	BEng (Hons) in Aerospace Engineering
H412	MEng (Hons) in Aerospace Engineering
H800	BEng (Hons) in Chemical Engineering
H802	MEng (Hons) in Chemical Engineering
H200	BEng (Hons) in Civil Engineering
H202	MEng (Hons) in Civil Engineering
H252	MEng (Hons) in Environmental and Civil Engineering
H2K1	MEng (Hons) in Structural Engineering with Architecture
H780	BEng (Hons) in Manufacturing Engineering
H300	BEng (Hons) in Mechanical Engineering
HH37	MEng (Hons) in Mechanical and Manufacturing Engineering

University of Ulster (www.ulst.ac.uk)

KH22	BEng (Hons) in Building Services and Energy Engineering
H200	BEng (Hons) in Civil Engineering
H220	BEng (Hons) in Environmental Engineering
G600	BEng (Hons) in Software Engineering
G400	BSc (Hons) in Computing Science
G403	BSc (Hons) in Computing