



PART TWO

From Marketing to Tourism, Engineering to Computing, Veterinary Nursing to Sports Studies - choosing the right course is the first step towards your future career.



Undergraduate Courses at LYIT

Cúrsaí Fochéime ag LYIT

You probably already have some ideas about what you want to study? Maybe you have a range of interests? The following course summaries, presented according to the department in which they reside, are your first step towards selecting a course of study.

Look through everything. Remember to look beyond the course title! Check out the subjects/modules listed. Do these appeal to you? It will be easier to succeed if you have an aptitude for, or an interest in, some

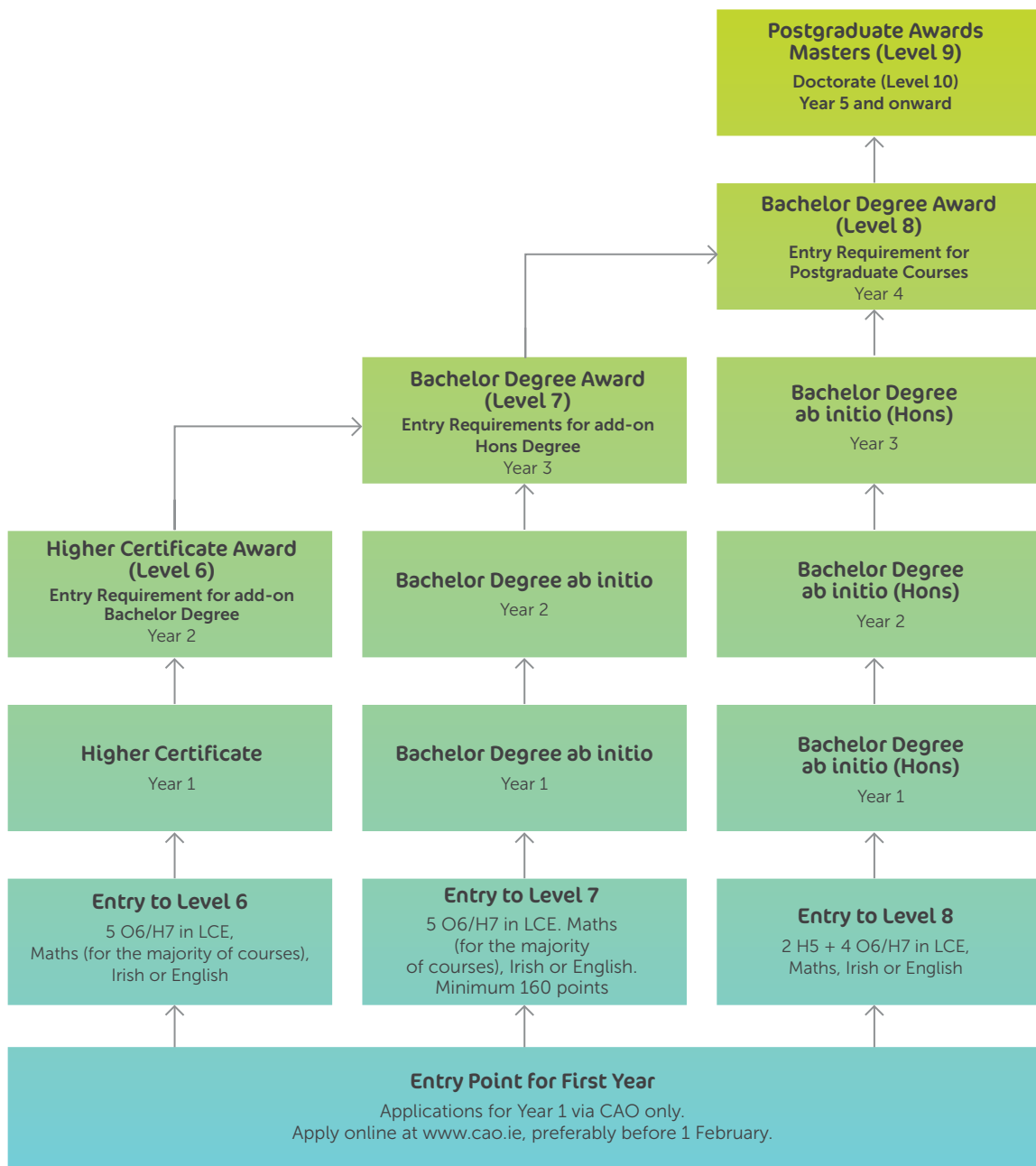
of them. Take note of the further study and career options also. Some of these may surprise you. Most importantly, never base your choice on points — base it on your own interests and aptitudes.

Further information on all our courses including course content, modules and CAO points is available on www.lyit.ie. To speak to somebody at LYIT directly, contact the relevant School/Department.

THE LADDER OF OPPORTUNITY

YOUR PROGRESSION THROUGH LYIT

Our courses are structured to provide you with a “Ladder of Opportunity”. Many of the courses listed in this section Level 6 or 7 on entry. However, on successful completion of any course it will always be possible to progress to a higher level, almost always at LYIT.



Stage 1

CAO ENTRY COURSES



Work Placement



New Courses


Minimum Entry Requirements

All courses require English or Irish.






Most courses require Maths.

Level 7 courses (those with codes ending in 7) need a minimum of 160 points.




BUSINESS STUDIES

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
50	LY108	Bachelor of Business (Hons) in Accounting	3 yrs	2 H5 4 O6/H7	O6/H7	
52	LY118	Bachelor of Business (Hons)	3 yrs	2 H5 4 O6/H7	O6/H7	
54	LY107	Bachelor of Business in Management	3 yrs	5 O6/H7	F2/O6/H7	
56	LY117	Bachelor of Arts in Administration & Information Technology 	3yrs	5 O6/H7	F2/O6/H7	
60	LY127	Bachelor of Business in Marketing	3 yrs	5 O6/H7	F2/O6/H7	
62	LY106	Higher Certificate in Business (Accounting & Administration)	2 yrs	5 O6/H7	See page 62	








LAW AND HUMANITIES

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
66	LY208	Bachelor of Arts (Hons) in Law 	3 yrs	2 H5 4 O6/H7		
68	LY218	Bachelor of Arts (Hons) in Business with Irish/French/Spanish/German 	4 yrs	2 H5 4 O6/H7	O6/H7	LC Chosen Language
70	LY228	Bachelor of Science (Hons) in Sports Coaching & Performance 	4 yrs	2 H5 4 O6/H7	O6/H7	
74	LY207	Bachelor of Arts in Law with Criminal Justice  Bachelor of Arts in Law with Irish/French/Spanish/German 	3 yrs	5 O6/H7		
76	LY206	Higher Certificate in Sports Studies)	2 yrs	5 O6/H7	F2/O6/H7	
78	Apply Directly to LYIT	Certificate in Preparatory Studies for Higher Education	1 yr			Special Applicants may have to sit an aptitude test or undergo interview




DESIGN AND CREATIVE MEDIA

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
82	LY408	Bachelor of Arts (Hons) in Visual Communication & Graphic Design 	4 yrs	2 H5 4 O6/H7	No maths needed	LC Art or portfolio
84	LY427	Bachelor of Arts in Digital Media Design 	3 yrs	5 O6/H7	No maths needed	
86	LY437	Bachelor of Arts in Animation 	3 yrs	5 O6/H7	No maths needed	LC Art or portfolio
90	LY447	Bachelor of Arts in Fashion with Promotion	3 yrs	5 O6/H7	No maths needed	LC Art or portfolio
92	LY406	Higher Certificate in Photography	2 yrs	5 O6/H7	No maths needed	

HOSPITALITY, TOURISM AND CULINARY ARTS

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
98	LY317	Bachelor of Arts in Culinary Arts 	3 yrs	5 O6/H7	No maths needed	
100	LY327	Bachelor of Arts in Hospitality and Tourism with degree award options: Hotel, Restaurant and Resort Management, Front Office Management or Destination Marketing  	3 yrs	5 O6/H7	No maths needed	
106	LY337	Bachelor of Science in Culinary Science with degree award options: Food Technology or Bakery & Confectionery Technology  	3 yrs	5 O6/H7	F2/O6/H7	
110	LY336	Higher Certificate in Arts in Bar & Restaurant Supervision 	2 yrs	5 O6/H7	No maths needed	
114	LY346	Higher Certificate in Arts in Culinary Arts 	2 yrs	5 O6/H7	No maths needed	

CIVIL ENGINEERING AND CONSTRUCTION


Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
118	LY508	Bachelor of Engineering (Hons) in Fire Safety Technology 	4 yrs	2 H5 4 O6/H7	O6/H7	
120	LY518	Bachelor of Science (Hons) in Quantity Surveying 	4 yrs	2 H5 4 O6/H7	O6/H7	
122	LY507	Bachelor of Science in Quantity Surveying	3 yrs	5 O6/H7	O6/H7	
128	LY517	Bachelor of Engineering in Building Services & Renewable Energy	3 yrs	5 O6/H7	O6/H7	
130	LY527	Bachelor of Engineering in Civil Engineering	3 yrs	5 O6/H7	O6/H7	
132	LY547	Bachelor of Science in Architectural Technology	3 yrs	5 O6/H7	O6/H7	
134	LY506	Higher Certificate in Construction Technology with BIM 	2 yrs	5 O6/H7	O6/H7	







ELECTRONIC AND MECHANICAL ENGINEERING

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
138	LY607	Bachelor of Engineering with degree award options: Electronic Engineering or Computer Engineering	3 yrs	5 O6/H7	O6/H7	
146	LY617	Bachelor of Engineering in Mechanical Engineering	3 yrs	5 O6/H7	O6/H7	

COMPUTING

Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
150	LY708	Bachelor of Science (Hons) in Computing with degree award options: Applied Computing or Cloud and Green IT	4 yrs	2 H5 4 O6/H7	O6/H7	
154	LY707	Bachelor of Science in Computing with Computer Games Development	3 yrs	5 O6/H7	F2/O6/H7	
156	LY717	Bachelor of Science in Computing	3 yrs	5 O6/H7	F2/O6/H7	
160	LY737	Bachelor of Science in Computing with Computer Security & Digital Forensics	3 yrs	5 O6/H7	F2/O6/H7	

SCIENCE						
Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
166	LY818	Bachelor of Science (Hons) with degree award options in Bioanalytical Science or Food Science & Nutrition or Pharmaceutical & Medicinal Science	4 yrs	2 H5 4 O6/H7	O6/H7	
170	LY817	Bachelor of Science in Bioscience	3 yrs	5 O6/H7	F2/O6/H7	
172	LY837	Bachelor of Science in Food Science & Nutrition	3 yrs	5 O6/H7	F2/O6/H7	
174	LY867	Bachelor of Science in Pharmaceutical & Medicinal Science	3 yrs	5 O6/H7	F2/O6/H7	
178	LY847	Bachelor of Science in Veterinary Nursing 	3 yrs	5 O6/H7	F2/O6/H7	Lab Science
180	LY877	Bachelor of Science in Agriculture 	3 yrs	5 O6/H7	F2/O6/H7	
182	LY806	Higher Certificate in Science in Pharmacy Technician 	2 yrs	5 O6/H7	F2/O6/H7	Lab Science, GV
184	LY816	Higher Certificate in Science in Dental Nursing 	2 yrs	5 O6/H7	F2/O6/H7	Lab Science, GV

NURSING AND HEALTH STUDIES						
Page	CAO Code	Course Title	Duration	LCE Grades	Maths	Special
188	LY908 (LY938)	Bachelor of Science (Hons) in General Nursing (Mature Code) 	4 yrs	2 H5 4 O6/H7 Assessment by NMBI*	O6/H7	Lab Science, GV
190	LY918 (LY948)	Bachelor of Science (Hons) in Psychiatric Nursing (Mature Code) 	4 yrs	2 H5 4 O6/H7 Assessment by NMBI*	O6/H7	Lab Science, GV
193	LY928 (LY958)	Bachelor of Science (Hons) in ID Nursing (Mature Code) 	4 yrs	2 H5 4 O6/H7 Assessment by NMBI*	O6/H7	Lab Science, GV
198	LY968	Bachelor of Science (Hons) in Early Childhood Care, Health & Education 	4 yrs	2 H5 4 O6/H7	F2/O6/H7	GV
200	LY978	Bachelor of Science (Hons) in Health & Social Care	4 yrs	2 H5 4 O6/H7	O6/H7	GV
204	LY906	Higher Certificate in Science in Early Childhood Care, Health and Education 	2 yrs	5 O6/H7	F2/O6/H7	GV
206	LY916	Higher Certificate in Science in Health & Social Care 	2 yrs	5 O6/H7	F2/O6/H7	GV

*NMBI - Nursing & Midwifery Board of Ireland

Please note

Except in the case of the Certificate in Preparatory Studies for Higher Education and the Higher Certificate in Science in Computing in Information Technology Support (See Page 46):

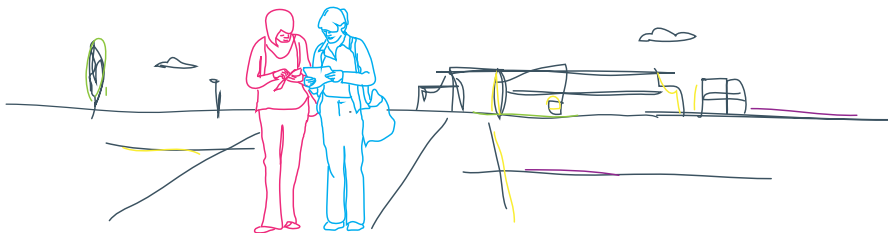
- Applicants for entry-level courses must apply via the CAO
- Apply online at www.cao.ie, preferably before 1 February
- Late applications will be accepted up to 1 May
- Late deadline not open to mature applicants who lack appropriate academic qualifications
- The final digit in the CAO codes indicates the NFQ level of the course, e.g. Level 6 Higher Certificate, Level 7 Bachelor Degree, or Level 8 Honours Degree
- 160 points are required for Level 7 courses
- GV = Garda Vetting

Maths

For all Engineering courses and all *ab initio* level 8 courses, Ordinary Level Maths at grade O6 or better or Higher Level Maths at grade H7 or better is the minimum requirement.

For all other courses where maths is required, the requirement may be met as follows:







- Leaving Cert Maths at O6 or better
- Foundation Level Maths at grade F2 or better, or
- Higher Maths at grade H7 or better



Year 2,3,4 and 5



DIRECT ENTRY / ADD-ON COURSES

BUSINESS STUDIES					
Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
57	8	LY_BADMN_B	Bachelor of Arts (Hons) in Administration & Information Technology	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
55	8	LY_BMGMT_B	Bachelor of Business (Hons) in Management	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
61	8	LY_BMRKT_B	Bachelor of Business (Hons) in Marketing	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
232	8	LY_BAFST_G	Higher Diploma in Financial Services Technologies (conversion course into IT industry) 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
217	9	LY_BACCT_M	Master of Arts in Accounting 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
211	9	LY_BINOL_M	Master of Business in Innovation & Leadership	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
212	9	LY_BIMPS_M	Master of Science in Innovation Management in the Public Service	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
220	9	LY_BMARK_M	Master of Science in Marketing Practice 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
218	9	LY_BMANG_M	Master of Science in Management Practice 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
217	9	LY_BACCT_G	Postgraduate Diploma in Accounting	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
220	9	LY_BMARK_G	Postgraduate Diploma in Marketing Practice 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
218	9	LY_BMANG_G	Postgraduate Diploma in Management Practice 	1 year post Level 8 Degree	Relevant Level 8 Degree or equivalent
239	8	LY_BMFBI_G	Higher Diploma in Arts in Mainframe Business Information Systems & Infrastructure	1 year	Level 8 Degree or equivalent

LAW AND HUMANITIES

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
75	8	LY_HLCJL_B	Bachelor of Arts (Hons) in Law with Criminal Justice Bachelor of Arts (Hons) in Law with Irish/French/Spanish/German	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
234	8	LY_HGOVE_G	Higher Diploma in Arts in Governance & Compliance in Financial Services	1 year post Level 8 degree	Relevant Level 8 Degree or equivalent
214	9	LY_HMALT_M	Master of Arts in Learning & Teaching	2 years	Relevant Level 8 Degree or equivalent

DESIGN AND CREATIVE MEDIA

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
85	8	LY_DDIGM_B	Bachelor of Arts (Hons) in Digital Media Design	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
87	8	LY_DANIM_B	Bachelor of Arts (Hons) in Animation	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
235	8	LY_DMDLA_G	Higher Diploma in 3D Modelling & Animation	1 year post Level 8 degree	Relevant Level 8 Degree or equivalent

HOSPITALITY, TOURISM AND CULINARY ARTS

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
108	8	LY_GFOOD_B	Bachelor of Science (Hons) in Culinary Arts & Food Technology	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
99	8	LY_GCART_B	Bachelor of Arts (Hons) in Culinary Arts	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
101	8	LY_THRRM_B	Bachelor of Arts (Hons) in Hotel, Restaurant & Resort Management	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
103	8	LY_TMARK_B	Bachelor of Arts (Hons) in Destination Tourism With Marketing	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent



CIVIL ENGINEERING AND CONSTRUCTION

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
129	8	LY_CFIRE_B	Bachelor of Science (Hons) in Fire Safety Engineering	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
124	8	LY_CSUST_B	Bachelor of Science (Hons) in Sustainable Construction Management	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
135	8	LY_CCMGT_B	Bachelor of Science (Hons) in Construction Contracts Management	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
135	7	LY_CDIGT_D	Bachelor of Science in Digital Construction (Management or Sustainable Design)	9 months	Relevant Level 6 Higher Certificate in a construction related discipline

ELECTRONIC AND MECHANICAL ENGINEERING

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
140	8	LY_MEMSY_B	Bachelor of Engineering (Hons) in Embedded Systems Design	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
147	8	LY_MMECH_B	Bachelor of Engineering (Hons) in Mechanical Engineering	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent

COMPUTING

Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
162	6	LY_KITSW_C LY_KITSS_C	Higher Certificate in Computing in Information Technology Support (Intake in January & June) 	18 months	Age 23+ or equivalent. 5 OD3 in LCE including Maths & Irish or English
157	8	LY_KCMPU_B	Bachelor of Science (Hons) in Computing	2 year post Level 6 Degree	Relevant Level 6 Higher Cert or equivalent
163	8	LY_KITSP_B	Bachelor of Science (Hons) in Computer Services Management	2 year post Level 6 Degree	Relevant Level 6 Higher Cert or equivalent
155	8	LY_KGAME_B	Bachelor of Science (Hons) in Computing with Computer Games Development	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
161	8	LY_KCSDF_B	Bachelor of Science (Hons) in Computer Security & Digital Forensics	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
236	8	LY_KCOMP_G	Higher Diploma in Science in Computing (conversion course into computing)	9 months	Level 8 Degree or equivalent in non-computing discipline
222	9	LY_KSSCT_M	Master of Science in Computing in Systems & Software Security 	1 year full-time or 2-3 years part-time	Relevant Level 8 Degree or equivalent
224	9	LY_KDATA_M	Master of Science in Big Data Analytics	21 months	Relevant Level 8 Degree or equivalent
226	9	LY_KCLGT_M	Master of Science in Computing in Private Cloud Technologies	1 year full-time or 2 years part-time	Relevant Level 8 Degree or Equivalent
237	8	LY_KBSAD_G	Higher Diploma in Science in Computing in Business Systems Analysis and Design	1 year	Level 8 Degree or equivalent
238	8	LY_KPRJM_G	Higher Diploma in Science in Computing in IT Project Management	1 year	Level 8 Degree or equivalent

SCIENCE					
Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
171	8	LY_SBIOA_B	Bachelor of Science (Hons) in Bioanalytical Science	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
173	8	LY_SFODN_B	Bachelor of Science (Hons) in Food Science & Nutrition	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent
179	8	LY_SANBW_B	Bachelor of Science (Hons) in Animal Behaviour & Welfare	1 year post Level 7 Degree	Relevant Level 7 Degree or equivalent

ACCESS					
Page	NFQ Level	LYIT Application Code	Course Title	Duration	Minimum Entry Requirement
*	6	LY_HMACS_C	Certificate in Access Studies	6 months	Age 23+ years
*	6	LY_CFOUN_F	Certificate in Preparatory Studies for Higher Education	1 year	School Leavers between ages 17-22 years (must be out of school at least 2 years & meet the socio-economic and academic criteria set down by the institution) or Adults Age 23+ years

Please note

- Applicants seeking advanced entry require a relevant third-level qualification or should have completed an RPL process (see page 261)
- Application for direct entry courses are made directly to LYIT on a form which can be downloaded from www.lyit.ie or available from Registry, Tel: 074 918 6125
- Application for direct entry should reach us by 1 April. Applications should be accompanied by evidence of previous higher education, e.g. awards, copies of exam transcripts etc
- Evaluation takes place in June and July and first round offers normally issue towards the end of July
- * To enquire about the Certificate in Preparatory Studies for Higher Education or the Certificate in Access Studies please contact the Access Office on (074) 918 6170