



NUI Galway  
OÉ Gaillimh

A-LEVEL  
**QUICK  
GUIDE**  
TO COURSES 2016

Inspiring minds since 1845

# A-LEVEL QUICK GUIDE TO COURSES 2016



Full-time undergraduate honours degree courses with minimum A-Level entry requirements and additional requirements (GCSE and GCE exams).

## Notes

† Students who are certified to the University by the appropriate professional authority as having a serious hearing impairment are exempt from the 'second language' requirement, and are permitted to matriculate as follows: English and any other five subjects recognised for matriculation registration purposes, provided College requirements are otherwise satisfied.

‡ Chemistry, Physics, Biology, Physics with Chemistry (joint) or Agricultural Science. For the College of Engineering and Informatics degree programmes (GY401 to GY414 and GY350), Technology may be accepted as an alternative to a science subject.

» GY309 is an inter-college programme of the College of Arts, Social Sciences and Celtic Studies and the College of Science. The matriculation of either College may be applied, whichever is the more advantageous to the applicant.

◊ The University holds an Engineering Mathematics Examination in August each year for entry to the Engineering Programmes. Candidates who reach the appropriate standard are deemed to have satisfied the additional Honours Mathematics requirement.

§ Not all on these points were offered places

¶ Based on Round One 2015 CAO Points Equivalencies

# Aptitude test

\* Plus HPAT – Ireland Test results

| Course code | Programme name                                      | Requirement to GCSE Level |       |                   |                       |  |  | Minimum A-Level Grades or equivalent combinations (Guide only) ¶ | CAO points 2015 ¶ |
|-------------|---|---------------------------|-------|-------------------|-----------------------|--|--|--|-------------------|
|             |   | English                   | Maths | Second language † | Lab science subject ‡ | Other subjects   | Additional requirements (Requirement at A-Level) |  |                   |
| GY101       | Arts (Joint-Honours)                                | ●                         | ●     |                   | 4                     |  |  | CCC  | 300               |
| GY103       | Arts (Public and Social Policy)                     | ●                         | ●     |                   | 4                     |  |  | CCCB   | 345               |
| GY104       | Arts (Psychology)                                   | ●                         | ●     |                   | 4                     |  |  | A*AC   | 515               |
| GY105       | Arts (History)                                      | ●                         | ●     |                   | 4                     |  |  | CCC & d(AS)  | 305               |
| GY106       | BA (Cumarsáid)                                      | ●                         | ●     |                   | 4                     | Grade C in A-Level Irish   |  | CCC & d(AS)  | 310               |
| GY107       | BA (Gaeilge agus Léann an Aistriúcháin)             | ●                         | ●     |                   | 4                     | Grade B in A-Level Irish   |  | AAAC   | 485               |
| GY109       | Arts (Mathematics and Education)                    | ●                         | ●     |                   | 4                     | Grade C in A-Level Mathematics or Grade A at O-Level. Students must satisfy the Police/Garda vetting requirements. |  | ABB  | 410               |
| GY110       | Arts with Children's Studies                        | ●                         | ●     |                   | 4                     | Students must satisfy the Garda/Police vetting requirements.   |  | BBB & a(AS)  | 420               |
| GY111       | Arts with Creative Writing                          | ●                         | ●     |                   | 4                     |  |  | BBBC   | 425               |
| GY112       | Arts with Film Studies                              | ●                         | ●     |                   | 4                     |  |  | AAC  | 400               |
| GY113       | Arts with Human Rights                              | ●                         | ●     |                   | 4                     | Students must satisfy the Police/Garda vetting requirements.   |  | ABC  | 380               |
| GY114       | Arts with Irish Studies                             | ●                         | ●     |                   | 4                     |  |  | BCCC   | 365               |
| GY115       | Arts with Performing Arts Studies                   | ●                         | ●     |                   | 4                     |  |  | CCCB   | 345               |
| GY117       | Arts with Latin American Studies                    | ●                         | ●     |                   | 4                     | Students must satisfy the Police/Garda vetting requirements. Spanish must be taken from first year to final year.  |  | BCCC   | 365               |
| GY118       | Arts (Drama, Theatre and Performance Studies)       | ●                         | ●     |                   | 4                     |  |  | BBBB   | 435               |
| GY119       | Arts with Journalism                                | ●                         | ●     |                   | 4                     |  |  | BBB & a(AS)  | 420               |
| GY120       | Arts (Child, Youth and Family: Policy and Practice) | ●                         | ●     |                   | 4                     |  |  | CCC & d(AS)  | 305               |
| GY121       | Arts (Children's Studies) <b>NEW</b>                | ●                         | ●     |                   | 4                     | Students must satisfy the Police/Garda vetting requirements.   |  | N/A  | N/A               |
| GY201       | Commerce  | ●                         | ●     | ●                 | 3                     |  |  | BBB  | 390               |
| GY202       | Commerce (International with French)                | ●                         | ●     | ●                 | 3                     | Grade B in A-Level French  |  | AAAA   | 500               |
| GY203       | Commerce (International with German)                | ●                         | ●     | ●                 | 3                     | Grade C in A-Level German  |  | AAA & c(AS)  | 465               |
| GY204       | Commerce (International with Spanish)               | ●                         | ●     | ●                 | 3                     | Grade C in A-Level continental language  |  | AAA & b(AS)  | 475               |
| GY206       | Business Information Systems                        | ●                         | ●     | ●                 | 3                     |  |  | AAB  | 430               |

| Course code | Programme name   | Requirement to GCSE Level |       |                   |                       |  |  | Minimum A-Level Grades or equivalent combinations (Guide only) ¶ | CAO points 2015 ¶ |
|-------------|--|---------------------------|-------|-------------------|-----------------------|--|--|--|-------------------|
|             |  | English                   | Maths | Second language † | Lab science subject ‡ | Other subjects   | Additional requirements (Requirement at A-Level) |  |                   |
| GY207       | Commerce (Accounting)  | ●                         | ●     | ●                 | 3                     | Grade C in A-Level Accounting                                      |  | A*AB   | 460               |
| GY208       | Commerce (Gaeilge)   | ●                         | ●     | ●                 | 3                     | Grade C in A-Level Irish   |  | AAB  | 430               |
| GY209       | Commerce (Global Experience) <b>NEW</b>                                    | ●                         | ●     | ●                 | 3                     |  |  | N/A  | N/A               |
| GY250       | Corporate Law  | ●                         | ●     | ●                 | 3                     |  |  | BBB  | 390               |
| GY251       | Civil Law  | ●                         | ●     | ●                 | 4                     |  |  | BBBA   | 440               |
| GY261       | Business Studies (International Hotel Management)                          | ●                         | ●     | ●                 | 3                     | CAO points include interview points.                               |  | CCD  | 473               |
| GY262       | Commerce (International Hotel Management)                                  | ●                         | ●     | ●                 | 3                     | CAO points include interview points.                               |  | BBC  | 624               |
| GY301       | Bachelor of Science  | ●                         | ●     | ●                 | 3                     |  |  | ABB  | 410               |
| GY303       | Biomedical Science   | ●                         | ●     | ●                 | 3                     |  |  | A*A*A & c(AS)  | 530               |
| GY304       | Biotechnology  | ●                         | ●     | ●                 | 2                     |  |  | AAA & b(AS)  | 475               |
| GY308       | Environmental Science  | ●                         | ●     | ●                 | 3                     |  |  | BBB & a(AS)  | 420               |
| GY309 »     | Financial Mathematics and Economics  | ●                         | ●     | ● or ●            | 3                     | Grade C in A-Level Mathematics                                     |  | A*A*A  | 505               |
| GY310       | Marine Science   | ●                         | ●     | ●                 | 3                     |  |  | AAC  | 400               |
| GY313       | Health and Safety Systems  | ●                         | ●     | ●                 | 3                     |  |  | CCC & d(AS)  | 315               |
| GY314       | Earth and Ocean Sciences   | ●                         | ●     | ●                 | 3                     |  |  | ABB  | 410               |
| GY318       | Biopharmaceutical Chemistry  | ●                         | ●     | ●                 | 3                     |  |  | AAAA   | 500               |
| GY319       | Mathematical Science   | ●                         | ●     | ●                 | 3                     | Grade C in A-Level Mathematics or Grade A at O-Level               |  | AAAD   | 470               |
| GY320       | Physics – degree options in Applied, Astrophysics, Biomedical, Theoretical | ●                         | ●     | ●                 | 3                     |  |  | BBBC   | 425               |
| GY350       | Computer Science and Information Technology                                | ●                         | ●     | ●                 | 3                     | Grade D in A-Level Mathematics or Grade B in O-Level Mathematics ◊ |  | BBBA   | 440               |
| GY401       | Undenominated Engineering  | ●                         | ●     | ●                 | 3                     |  |  | AAA  | 450               |
| GY402       | Civil Engineering  | ●                         | ●     | ●                 | 3                     |  |  | AAA  | 450               |
| GY405       | Mechanical Engineering   | ●                         | ●     | ●                 | 3                     | Grade C in A-Level Mathematics ◊                                   |  | AAA  | 450               |
| GY406       | Electronic and Computer Engineering  | ●                         | ●     | ●                 | 3                     |  |  | ABBB   | 455               |
| GY408       | Biomedical Engineering   | ●                         | ●     | ●                 | 3                     |  |  | AAAC   | 485               |
| GY410       | Project and Construction Management  | ●                         | ●     | ●                 | 3                     | Grade D in A-Level Mathematics or Grade B in O-Level Mathematics ◊ |  | BCCC   | 360               |

| Course code    | Programme name                           | Requirement to GCSE Level |       |                   |                       |   |  | Minimum A-Level Grades or equivalent combinations (Guide only) ¶ | CAO points 2015 ¶ |
|----------------|--|---------------------------|-------|-------------------|-----------------------|---|--|--|-------------------|
|                |  | English                   | Maths | Second language † | Lab science subject ‡ | Other subjects  | Additional requirements (Requirement at A-Level) |  |                   |
| GY413          | Energy Systems Engineering               | ●                         | ●     | ●                 | 3                     |   |  | A*A*A  | 505               |
| GY414          | Electrical and Electronic Engineering    | ●                         | ●     | ●                 | 3                     | Grade C in A-Level Mathematics ◊  |  | AAAA   | 500               |
| GY501 (6 year) | Medicine                                 | ●                         | ●     | ●                 | 2                     | Minimum A Level requirements – A*A*A* & c (AS) from the same sitting of the A2 examination (applicants must achieve the required subjects over GCSE/ GCE and must achieve the grades in one sitting)<br><br>And<br>Completion of the required Admissions Test (HPAT-Ireland). Must satisfy the Police/Garda vetting and medical clearance requirements.   |  | A*A*A* & c(AS)   | 723*              |
| GY501 (5 year) | Medicine                                 | ●                         | ●     | ●                 | 2                     | In addition to the above requirements: Grade C in A-Level in Chemistry minimum. A merit order applies based on Grade C, if any, attained in the following: Biology, Physics, Physics/ Chemistry or Agricultural Science. Refer for Detail ( <a href="http://www.nuigalway.ie/courses/undergraduate-courses/surgery-obstetrics.html">www.nuigalway.ie/courses/undergraduate-courses/surgery-obstetrics.html</a> ). |  | A*A*A* & c(AS)   | 723*              |
| GY502          | Occupational Therapy                     | ●                         | ●     | ●                 | 2                     | Meet any professional requirements stipulated.  |  | A*A*A*   | 535               |
| GY503          | Speech and Language Therapy              | ●                         | ●     | ●                 | 2                     | Must satisfy the Police/Garda vetting and medical clearance requirements.   |  | A*A*A & c(AS)  | 530               |
| GY504          | Podiatry                                 | ●                         | ●     | ●                 | 2                     |   |  | AAA  | 450               |
| GY515          | General Nursing (Galway and Portiuncula) | ●                         | ●     | ●                 | 3                     | All applicants will be required to have medical screening and Police/Garda vetting: this will include medical assessment, and if necessary, vaccination prior to the first clinical placement, in accordance with the policies of NUI Galway and the Saolta University Health Care Group.   |  | A*AB   | 460               |
| GY516          | Psychiatric Nursing                      | ●                         | ●     | ●                 | 3                     |   |  | BBBA   | 440               |
| GY517          | Midwifery                                | ●                         | ●     | ●                 | 3                     |   |  | AAA  | 450               |

# Information

## For GCE/GCSE A-Level Applicants

Students intending to study an undergraduate degree programme in NUI Galway must satisfy the minimum entry requirements stipulated by the NUI for the respective Colleges and also any additional requirements for particular programmes. All subjects must be recognised for matriculation purposes as follows:

### Matriculation

NUI Galway welcomes applicants presenting General Certificate of Education (GCE) and General Certificate of Secondary Education (GCSE) results. To matriculate, students presenting GCE and GCSE examinations must obtain a pass in at least six recognised subjects in accordance with programme requirements, as well as obtaining the following:

#### GCE:

At least a Grade C at advanced level in two recognised subjects (Grade A with Grade E, or Grade B with Grade D, are considered equivalent of two Grade Cs).

#### GCE AS Level/GCSE:

At least a Grade C in four recognised subjects. The results of Leaving Certificate and GCE/ GCSE examinations may not normally be combined for purposes of application.

### Acceptable subjects

Not all GCE and GCSE subjects are recognised and some subjects may not be accepted in combination with one another. For further information and the full list of GCE and GCSE subjects acceptable for matriculation, consult the Entry Requirements section online. Find out more by searching for 'entry requirements': [www.nui.ie](http://www.nui.ie)

### Irish Language Requirement and Exemption

If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to NUI Galway. Candidates from Northern Ireland and Great Britain presenting GCE/GCSE qualifications will automatically be granted exemption from Irish and are not required to apply to the NUI for exemption.

### How to compare A-Level grades with points

Where a Leaving Certificate grade of Ordinary B3 is required, the minimum requirement is a Grade B at GCSE.

Where a Leaving Certificate grade of Higher C1/C2/C3 is required, the minimum requirement is a Grade C at GCE A-levels.

Where a Leaving Certificate grade of Higher B1/B2/B3 is required, the minimum requirement is a Grade B at GCE A-levels.

### GCE/LC points equivalence pre 2016


| A2 | Points | AS | Points |
|----|--------|----|--------|
| A* | 150    | –  | –      |
| A  | 135    | A  | 65     |
| B  | 120    | B  | 60     |
| C  | 100    | C  | 50     |
| D  | 75     | D  | 35     |
| E  | 40     | E  | 20     |

### GCE/LC points equivalence from 2016

|    | First three A-Levels (A2) | Fourth A-Level (A2) | Or AS |
|----|---------------------------|---------------------|-------|
| A* | 180                       | 60                  | –     |
| A  | 150                       | 50                  | 30    |
| B  | 130                       | 45                  | 25    |
| C  | 100                       | 35                  | 20    |
| D  | 65                        | 20                  | 15    |
| E  | 45                        | 15                  | 10    |

Please note that a maximum of four different recognised subjects (not being mutually exclusive) may be considered for scoring purposes. AS grades, if presented, will normally only be accepted for the year immediately preceding the grades in the A2 subjects. Grades in the same subject in A2 and AS level cannot be combined. Only GCE grades awarded at the same date can be considered for computation. AVCE subjects, or those titled as applied subjects, are NOT currently accepted for matriculation or entry purposes. Please refer to our website for approximate minimum A-level grades required for entry in 2016.

Find out more:  
[www.nuigalway.ie/admissions](http://www.nuigalway.ie/admissions)



The best way to get a real feel for life at **NUI Galway** is to come and visit us and decide for yourself whether **NUI Galway** feels right for you. We would love to welcome you on campus.

# TAKE A CLOSER LOOK

## OPEN DAYS

2nd & 3rd October 2015  
16th April 2016

## INFORMATION EVENINGS

Come and meet us during the year at venues around the country

## SUMMER SCHOOLS

Get a real taste of University life and enjoy a wide range of hands-on practical activities

## CAMPUS TOURS

Contact us to arrange a tour of the campus, guided by one of our Student Ambassadors

Find out more:

|  |   |
|--|---|
| <a href="http://www.nuigalway.ie/courses/open-days/">www.nuigalway.ie/courses/open-days/</a>   | W |
| <a href="http://www.nuigalway.ie/courses/open-days/information-evenings/">www.nuigalway.ie/courses/open-days/information-evenings/</a> | W |
| <a href="http://www.nuigalway.ie/summer-schools/">www.nuigalway.ie/summer-schools/</a>   | W |
| <a href="http://www.nuigalway.ie/cao/">www.nuigalway.ie/cao/</a>   | W |