

# The University of Dublin

TRINITY COLLEGE DUBLIN

## Calendar

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2015 — 16

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### PART II

#### UNDERGRADUATE STUDIES

(Information on general information is contained in Part I and information on graduate studies and higher degrees is contained in Part III.)

Made pursuant to section 10 of the Introduction Chapter of the Consolidated Statutes of Trinity College Dublin and of the University of Dublin, 2010.

Trinity College Dublin

2015

This Calendar, Part II, contains all information concerning undergraduate studies in Trinity College, Dublin.

**DEAN OF UNDERGRADUATE STUDIES**

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This document is also available in alternative formats upon request.

**The Board of Trinity College is not bound by errors in, or omissions from, the Calendar.**

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## *Undergraduate Studies Committee*

### MEMBERS

The Dean of Undergraduate Studies / Senior Lecturer (Chairperson) – Gillian Martin

The Academic Secretary (or nominee) – Patricia Callaghan

The Dean of Students – Kevin O’Kelly

The Senior Tutor – Claire Laudet

The Education Officer, Students’ Union – Molly Kenny

Student Representative – Sinéad Baker

Directors of Teaching and Learning (Undergraduate) in the following Schools:

School of Biochemistry and Immunology – Derek Nolan

Trinity Business School – Mary Lee Rhodes

School of Chemistry – [vacant]

School of Computer Science and Statistics – Michael Brady

School of Dental Science – Derek Sullivan

School of Drama, Film and Music – Eric Weitz

School of Education – Keith Johnston

School of Engineering – Ciaran Simms

School of English – Jarlath Killeen

School of Genetics and Microbiology – Gwyneth Jane Farrar

School of Histories and Humanities – Rachel Moss

School of Languages, Literatures and Cultural Studies – James Hanrahan

School of Law – Desmond Ryan

School of Linguistic, Speech and Communication Sciences –  
Pauline Sloane

School of Mathematics – David Wilkins

School of Medicine – Kevin Conlon

School of Natural Sciences – Mark Hennessy

School of Nursing and Midwifery – Imelda Coyne

School of Pharmacy and Pharmaceutical Sciences – Astrid Sasse

School of Physics – Charles Patterson

School of Psychology – Howard Smith

Confederal School of Religions, Peace Studies and Theology –  
Fáinche Ryan

School of Social Sciences and Philosophy – Elaine Moriarty

School of Social Work and Social Policy – Robert Gilligan

Two Subject Moderatorship Course Director – Sarah Smyth

Associate Dean of Undergraduate Science Education – Kevin Devine

### IN ATTENDANCE

Library representative – Kathryn Smith

Administrative Officer, Trinity Teaching and Learning (Secretary) – Elaine Egan

# *Degrees and Diplomas*

## *I DEGREES OBTAINABLE*

1 Degrees obtainable in more than one faculty:

Bachelor in Arts (B.A.)

2 Degrees obtainable in the Faculty of Arts, Humanities and Social Sciences:

### *Business studies*

Bachelor in Business Studies (B.B.S.)

Bachelor in Business Studies and a Language (B.B.S. (Lang.))

### *Clinical speech and language studies*

Bachelor in Science (Clinical Speech and Language Studies) (B.Sc. (Clin. Lang.))

### *Deaf studies*

Bachelor in Deaf Studies (B.St.Su.)

### *Divinity*

Bachelor in Divinity (B.D.)

### *Drama*

Bachelor in Acting (B.Histr.)

### *Education*

Bachelor in Music Education (B.Mus.Ed.) (course conducted jointly with the DIT Conservatory of Music and Drama and the Royal Irish Academy of Music)

### *Law*

Bachelor in Laws (LL.B.)

Bachelor in Laws and German (LL.B. (Ling. Germ.))

Bachelor in Laws and French (LL.B. (Ling. Franc.))

Bachelor in Laws and Business (LL.B. (B.S.))

Bachelor in Laws and Political Science (LL.B. (Pol. Sc.))

### *Social studies*

Bachelor in Social Studies (B.S.S.)

3 Degrees obtainable in the Faculty of Engineering, Mathematics and Science:

### *Computer science*

Bachelor in Science (Information Systems) (B.Sc. (Syst. Inf.)) (evening course)

### *Engineering*

Bachelor in Engineering (B.A.I.)

Bachelor in Science (Engineering) (B.Sc. (Ing.))

4 Degrees obtainable in the Faculty of Health Sciences:

### *Dental science*

Bachelor in Dental Science (B.Dent.Sc.)

Bachelor in Dental Technology (B.Dent.Tech.)

### *Diagnostic Radiography*

Bachelor in Science in Diagnostic Radiography (B.Sc. (Diagn. Rad.)) (joint degree programme with the Singapore Institute of Technology)

### *Human health and disease*

Bachelor in Science (Human Health and Disease) (B.Sc. (Hom. Val.))

### *Human nutrition and dietetics*

Bachelor in Science (Human Nutrition and Dietetics) (B.Sc. (Hum. Nut. & Diet.)) (course conducted jointly with the Dublin Institute of Technology)

### *Medicine*

Bachelor in Medicine (M.B.)

Bachelor in Surgery (B.Ch.)

Bachelor in Obstetrics (B.A.O.)

### *Nursing and midwifery*

Bachelor in Midwifery Studies (B.M.S.)

Bachelor in Nursing Studies (B.N.S.)

Bachelor in Science (Midwifery) (B.Sc. (A. Obs.))

Bachelor in Science (Nursing) (B.Sc. (Cur.))

### *Occupational therapy*

Bachelor in Science (Occupational Therapy) (B.Sc. (Cur. Occ.))

### *Pharmacy*

Bachelor in Science (Pharmacy) (B.Sc. (Pharm.))

### *Physiotherapy*

Bachelor in Science (Physiotherapy) (B.Sc. (Physio.))

### *Radiation therapy*

Bachelor in Science (Radiation Therapy) (B.Sc. (Ther. Rad.))

### *Degrees obtainable by students of the Dublin Institute of Technology*

5 These degrees are available only to students who have successfully completed approved courses at the Dublin Institute of Technology, and apply to students who were admitted to the Dublin Institute of Technology in or before 1997:

Bachelor in Architectural Science (B.Arch.Sc.)

Bachelor in Music (Performance) (B.Mus. (Perf.))

Bachelor in Science (Applied Sciences) (B.Sc. (Applied Sciences))

Bachelor in Science (Engineering) (B.Sc. (Eng.))

Bachelor in Science (Environmental Health) (B.Sc. (Env. Health))

Bachelor in Science (Management) (B.Sc. (Mgmt))

Bachelor in Science (Media and Communications) (B.Sc. (Commun.))

Bachelor in Science (Surveying) (B.Sc. (Surv.))

### 6 *Degrees obtainable by students of the Marino Institute of Education*

Bachelor in Education (B.Ed.)

Bachelor in Science (Education Studies) (B.Sc. (Ed. St.))

### 7 *Degree obtainable by students of the Church of Ireland College of Education*

Bachelor in Education (B.Ed.)



8 *Degrees obtainable by students of the Royal Irish Academy of Music*

Bachelor in Music Composition (B.Mus.Comp.)

Bachelor in Music Performance (B.Mus.Perf.)

II REGULATIONS GOVERNING THE AWARD OF DEGREES

**Bachelors**

*Bachelor in Arts*

1 See TWO-SUBJECT MODERATORSHIP COURSES AND HONOR COURSES.

*Bachelors in professional subjects*

2 Candidates for the bachelor's degree in engineering, dental science, or medicine are also conferred with the ordinary degree of B.A. Special requirements for the B.A. degree are laid down for such students.

Candidates for the B.A.I. degree have the B.A. degree conferred at the same Commencements. Students of dental science or medicine may have the B.A. degree conferred at the Autumn Commencements following the satisfactory completion of their third year, or at the Commencements at which their professional degree is conferred, but subject always to the proviso that the B.A. degree may be conferred only on candidates who have spent at least three years in the University, except by special permission of the University Council on the recommendation of the appropriate executive committee.

3 *B.D.* Candidates for the degree of Bachelor in Divinity must be graduates of the University of Dublin, or of a recognised university. (See PART III OF THE CALENDAR — GRADUATE STUDIES AND HIGHER DEGREES.)

*Master in Arts*

4 Bachelors of the University of at least three years' standing may be conferred with a Master in Arts (*i.e.* an M.A. (*Dubl.*)). This is a title of academic rank and not an examined academic qualification. In the University of Dublin, Masters-level courses of study or research in the Faculty of Arts, Humanities and Social Sciences lead to the award of an M.Litt. or M.Phil., not an M.A.; there are many other Masters-level degrees in each Faculty; and they are all set out in PART III of the *Calendar* – GRADUATE STUDIES AND HIGHER DEGREES. However, none is styled an M.A. In other words, the M.A. (*Dubl.*) is nominal and unexamined, and it is not an academic qualification in the sense that an M.Litt. or an M.Phil. is.

The M.A. (*Dubl.*) has the same functions and status as an M.A. (*Oxon.*) or an M.A. (*Cantab.*), and in none of these functions is it an academic qualification. In Oxford, in Cambridge and in Trinity, there were previously many privileges associated with M.A. status as opposed to B.A. status. For example, in medieval times, the M.A. constituted a licence to teach in the university, and it was awarded to those graduates who had remained on for several years for this purpose. The most important remaining consequences are listed below:

- I. It is a basis on which the recipient becomes a member of the Senate of the University. The Senate has a role in formal University decision-making, so membership allows graduates to have some influence on University business.  
Since the degree can be obtained only after three years have passed since the conferral of the B.A., it indicates seniority on the part of the recipient.
- II. It is an indicator of academic rank and precedence in academic institutions on formal occasions: it defines the academic regalia which the recipient wears on such occasions, and the role (if any) which the recipient can or must play.
- III. As the B.A. is incorporated into the M.A, the formal effect of the M.A. is to supersede the B.A. Hence, a recipient should be styled Joe Bloggs, M.A. (*Dubl.*), rather than Joe

Bloggs, B.A. (Mod.) (*Dubl.*). However, a recipient should not be styled Joe Bloggs, B.A. (Mod.) (*Dubl.*), M.A. (*Dubl.*).

On an historical note, the award of M.A. as an exclusively academic qualification seems always to have been the practice in universities in the USA; but, on this side of the Atlantic, the M.A. was first introduced as a formal academic qualification in the nineteenth century by the University of London. Universities founded thereafter followed the London nomenclature. This was the practice adopted when the various colleges which became the National University of Ireland (N.U.I.) were founded in the mid-1800s. Hence, what are called M.Litt.s and M.Phil.s in Trinity are called M.A.s in the N.U.I. (University College Dublin (U.C.D.), University College Cork (U.C.C.), etc). This has become the standard practice, with the result that the Oxford/Cambridge/Trinity model is now less common, sometimes leading to erroneous assumptions about the nature of the M.A. (*Dubl.*).

Finally, the M.A. (*Dubl.*) may also be awarded in special cases, such as *honoris causa*, *jure officii*, and *ad eundem gradum* (see §5,7,11).

Candidates wishing to be conferred with M.A. (*Dubl.*) must give notice on the prescribed form which is available from the Academic Registry. The form must be returned so as to reach that office not later than the specified closing date for a Commencements session. The fee for the M.A. is €637<sup>1</sup> and should be paid to the Academic Registry. The fee is waived in the case of eligible staff and graduates of fifty or more years' standing.

### **Degrees awarded in special cases**

#### *Degrees honoris causa*

5 A meeting of the Senate for the consideration of names proposed for honorary degrees is held in Michaelmas term. Attention is called to this meeting a week before by a notice at the front gate of the College and by post to members of the Senate who have requested notification.

#### *Degrees jure dignitatis*

6 Subject to such regulations as may from time to time be made by the Board, with the approval of the Senate, the Board may, at its discretion, at any time submit to the Senate a grace for conferring a doctorate in divinity or laws, *jure dignitatis*, upon any graduate of the University who has been appointed to such public position as may seem to the Board sufficiently distinguished; provided always that every such grace must receive the approval of not less than two-thirds of the members of the Board present when it is proposed. After admission to the said degree *jure dignitatis* the person admitted is eligible for membership of the Senate on fulfilling the prescribed conditions.

#### *Degrees jure officii*

7 The Board may submit to the Senate a grace for conferring, *jure officii*, the degree of Master in Arts upon permanent full-time members of staff of the University or College, on the following conditions:

- (a) graces for admission of Fellows, Professors and holders of the offices of Secretary, Treasurer, Librarian and Chief Operating Officer may be proposed at a meeting after their admission to office;
- (b) graces for admission of other members of the academic staff of at least the status of Assistant Professor serving in the College for a period of not less than three years may be proposed at a meeting after they have achieved this service to College;
- (c) graces for admission of staff on administrative officer grades who have given notable service for a period of not less than ten years may be proposed at a meeting after they have achieved this service to College;

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<sup>1</sup> Fee is currently under review.

- (d) graces for admission of Chief Technical Officers, Chief Medical Scientists, and Senior Experimental Officers who have given notable service for a period of not less than ten years may be proposed at a meeting after they have achieved this service to College; and
- (e) graces for admission of members of staff who do not come within sub-sections (a) to (d) who have not less than thirty-five years' employment with the College may be proposed at a meeting after they have achieved this notable service to College.

8 The Board may submit to the Senate a grace for conferring, *jure officii*, the degree of Master in Arts upon permanent part-time members of the staff of the University or College who had previously come within the terms of §7 (to ensure that long-serving members of the staff who for family or similar reasons opt to work on a permanent, part-time basis are not, by doing so, rendered ineligible for the degree of Master in Arts, *jure officii*).

9 The Board may submit to the Senate a grace for conferring, *jure officii*, the degree of Master in Arts upon members of staff of the University or College, on the conditions stated in §§7 and 8, notwithstanding that they are not permanent members of staff of the University or College, provided that they hold a contract of indefinite duration.

10 The Board may submit to the Senate a grace for conferring, *jure officii*, the degree of Master in Arts upon permanent full-time members of staff of any academic institution, where work in the said institution is accepted in part fulfilment of the requirements for a degree in any faculty in the College, on the following conditions:

- (a) graces for admission of Professors may be proposed at a meeting after their appointment to the said institution; and
- (b) graces for admission of other members of the academic staff of at least the status of lecturer serving in the said institution for a period of not less than three years may be proposed at a meeting after they have achieved this service to the said institution.

#### *Degrees ad eundem gradum*

11 Graduates of the Universities of Oxford and Cambridge are eligible to apply for corresponding degrees of this University *ad eundem gradum*. The Board has ruled that only persons who either

- (a) wish to register for a higher degree at this University, or
- (b) are members of the academic staff

will be considered, and that no degree will be awarded above the standing of M.A.

12 Applications are referred to the Board for consideration. They should be made to the Senior Proctor, to whom the necessary certificates of graduation must be submitted, with a College testimonial as to character, and a statement of the reasons why the degree is sought.

13 The fees payable are €1,204 for all bachelors' degrees. All fees are paid to the Treasurer/Chief Financial Officer.

14 Candidates who have paid the fee for a degree *ad eundem* may present themselves for the examination for a higher degree before the *ad eundem* degree has been conferred, on payment of the regular examination fee; and, if they are successful, the higher and lower degrees may be conferred at the same Commencements.

15 For the purpose of ascertaining the date at which a higher degree may be taken, candidates are reckoned as having taken the lower degree *ad eundem* on the date at which they obtained the corresponding degree at their own university.

#### *Degrees post obitum intempestivum*

16 Subject to regulations made in this respect by Board, Board may submit to the Senate a grace for conferring a degree *post obitum intempestivum* upon a recently deceased student, who had successfully completed all required examinations and all required course work for a degree and was a candidate for that degree, but whose untimely death preceded the relevant

Commencements ceremony.

#### *Degrees in absentia*

17 Students of the University may be allowed, although not presenting themselves personally at Commencements, to proceed to their degree upon the following conditions:

- (a) the academic qualifications required for degrees to be conferred *in absentia* are the same as those required for degrees conferred in person;
- (b) the requirement as to fitness of character is also the same as that required for degrees conferred in person, i.e. that before passing any grace for a degree *in absentia* the Board shall require such evidence as it may deem necessary to secure that no unworthy candidate is presented to the Senate;
- (c) subject to the foregoing, the Board may, in special cases, pass a grace for a degree *in absentia* (i) for any candidate resident outside Ireland, or (ii) for any candidate resident within Ireland, who submits reasons for non-attendance in person which seem to the Senior Proctor to be sufficiently urgent. All requests should be submitted with the completed notice of candidature form by the specified closing date for a Commencements session.

#### *Degrees aegrotat*

18 Please see 2010 Consolidated Statutes of Trinity College Dublin and the University of Dublin (Chapter on the University section 3(3)(b)). Regulations are set out in the *Calendar*, (see GENERAL REGULATIONS AND INFORMATION).

#### *Degrees propter aliam causam*

19 Please see 2010 Consolidated Statutes of Trinity College Dublin and the University of Dublin (Chapter on the University section 3(3)(d)).

### III CONFERRING OF DEGREES

#### *General procedure at Commencements*

1 Degrees are publicly conferred under the student's registered name, within degree class, by the Chancellor, or a Pro-Chancellor, in the Senate or Congregation of the University, at the ceremony known as Commencements.

2 Candidates for a particular Commencements must give notice on the prescribed form which is issued to the undergraduate graduating class by e-mail and is also available for download at <https://www.tcd.ie/academicregistry/graduation/application/>. The form must be returned so as to reach the Academic Registry not later than the specified closing date for a Commencements session. A Commencements fee of €135 is payable by all undergraduate students registering on degree courses in their Junior Sophister or third year, and in the first year for all postgraduate students. Eligible graduands for whom the Commencements fee is outstanding must pay in full at the time of application for conferral. Conditional notice may be lodged at any time but must be confirmed fourteen days prior to the ceremony. Primary degree results must be published at least fourteen days prior to the first date of the Commencements ceremonies. From the 2012-13 academic year the Commencements fee will be charged as a once-off payment to be levied at the same time as the tuition fee. The Commencements fee will be fully refundable to all students who become ineligible to proceed with conferral.

Senior Sophisters and other final year students who have passed their final examinations are required to return all books to the Library within one month following their examinations. The Library will return records of books and fines outstanding to the Academic Registry, for the purpose of alerting students to their obligation to clear their Library records so that they may proceed to Commencements.

3 The grace for a degree in any faculty, having first been sanctioned by the Board, must be approved by the Senate of the University. Any member of the Caput may veto any proposed grace for a degree. The Proctors, in a prescribed form of words, supplicate the Senate for their

public grace for the degrees to be conferred. If the *placets* are in the majority the candidates for degrees are presented by a professor of the faculty in which the degree is to be taken, or by one of the Proctors; they then advance in order before the Chancellor, who confers the degree according to a formula fixed by the University Statutes, after which the candidates subscribe their names in the Register. Except in special cases (see section II, §17 above) candidates for degrees must appear at Commencements and have the degrees for which they are qualified publicly conferred on them.

#### *Detailed procedure at Commencements*

4 The Chancellor announces the opening of the Comitia. At the Autumn Commencements the Senior Master Non-Regent is elected on the proposition of the Chancellor and the Provost; and the two Proctors and Registrar make the statutory affirmation, if they have not already done so.

5 The Junior Proctor supplicates for the degree of Bachelor in Arts. The Senior Proctor supplicates for the other ordinary degrees.

6 The Senior Lecturer introduces the moderators to the Chancellor. They are then presented for their degrees by the Junior Proctor. The Chancellor hands them their medals and/or certificates and admits them. The Senior Lecturer then introduces the Respondents who are in turn presented by the Junior Proctor and admitted by the Chancellor.

7 Candidates for degrees with honors and for ordinary degrees are presented by name, within degree class, and admitted. Candidates are presented by the Proctors or by the professors of their respective faculties. In presenting the candidates the following order is observed:

- |   |   |
|---|---|
| Bachelors in Arts   | Bachelors in Science (Financial Information Systems)        |
| Bachelors in Science (Diagnostic Radiography) (joint degree with Singapore Institute of Technology) | Bachelors in Science (Information Systems)                  |
| Bachelors in Music Composition  | Bachelors in Laws and French                                |
| Bachelors in Music Performance  | Bachelors in Laws and German                                |
| Bachelors in Science (Education Studies)  | Bachelors in Science (Media and Communications)             |
| Bachelors in Acting   | Bachelors in Music (Performance)                            |
| Bachelors in Science (Human Nutrition and Dietetics)  | Bachelors in Science (Occupational Therapy)                 |
| Bachelors in Deaf Studies   | Bachelors in Theology                                       |
| Bachelors in Science (Human Health and Disease)   | Bachelors in Music Education                                |
| Bachelors in Laws and Political Science   | Bachelors in Science (Physiotherapy)                        |
| Bachelors in Laws and Business  | Bachelors in Science (Clinical Speech and Language Studies) |
| Bachelors in Science (Midwifery)  | Bachelors in Science (Remedial Linguistics)                 |
| Bachelors in Dental Technology  | Bachelors in Science (Environmental Health)                 |
| Bachelors in Science (Radiation Therapy)  | Bachelors in Science (Human Nutrition and Dietetics)        |
| Bachelors in Science (Nursing)  | Bachelors in Science (Human Nutrition)                      |
| Bachelors in Midwifery Studies  | Bachelors in Education (Home Economics)                     |
| Bachelors in Science (Engineering)  | Bachelors in Science (Public Administration)                |
| Bachelors in Theatre Studies  | Bachelors in Science (Management)                           |
| Bachelors in Nursing Studies  | Bachelors in Science (Surveying)                            |
| Bachelors in Science (Therapeutic Radiography)  | Bachelors in Science (Pharmacy)                             |
| Bachelors in Science (Business and Information Technology)  | Bachelors in Science (Applied Sciences)                     |
| Bachelors in Business Studies and a Language  |   |

Bachelors in Architectural Science	Masters in Philosophy
Bachelors in Education	Masters in Science (Management)
Bachelors in Science (Engineering)	Masters in Science (Economics)
Bachelors in Computer Science	Masters in Education
Bachelors in Social Studies	Masters in Business Administration
Bachelors in Business Studies	Masters in Administrative Studies
Bachelors in Veterinary Medicine	Masters in Commerce
Bachelors in Commerce	Masters in Veterinary Medicine
Bachelors in Agriculture (Forestry)	Masters in Letters
Bachelors in Agriculture	Masters in Science (Studies)
Bachelors in Dental Science	Masters in Science (Research)
Bachelors in Music	Masters in Science
Bachelors in Engineering	Masters in Agriculture (Forestry)
Bachelors in Obstetrics	Masters in Agriculture
Bachelors in Surgery	Masters in Dental Science
Bachelors in Medicine	Masters in Engineering (Research)
Bachelors in Laws	Masters in Engineering
Professional Masters in Education	Masters in Obstetrics
Masters in Education Studies	Masters in Surgery
Masters in Science (joint degree with University College Dublin)	Masters in Arts
Masters in Medicine	Bachelors in Divinity
Masters in Fine Arts	Doctors in Counselling Psychology
Masters in Computer Science	Doctors in Dental Surgery
Masters in Engineering (Studies)	Doctors in Education
Masters in Theology	Doctors in Clinical Psychology
Masters in Social Work	Doctors in Philosophy
Masters in Dental Surgery	Doctors in Music
Masters in Laws	Doctors in Science
Masters of Studies	Doctors in Letters
Masters in Philosophy (Peace Studies)	Doctors in Medicine
Masters in Philosophy (Ecumenics)	Doctors in Laws
	Doctors in Divinity

8 Candidates for honorary degrees are presented by the Public Orator, and admitted.

9 The prescribed dress for men (military excepted) is dinner jacket, white shirt, black or white bow tie. Women (military excepted) candidates wear black, or white, or a combination of both. All candidates must wear the hood and gown of the degree they are qualified to receive (see HOODS AND GOWNS below); the wearing of caps is optional. Candidates for bachelors' and masters' degrees take their seats in the Public Theatre at the same time.

Full details of the Commencements schedule are available at the following link: <http://www.tcd.ie/academicregistry/graduation/application/>.

#### IV FEES

1 There is a Commencements fee of €135.

2 No grace for a degree is presented to the Senate unless candidates have paid all amounts due by them to the College and have given notice in accordance with section III, §2.

3 Testimoniums of degrees are presented to candidates for degrees at Commencements, and are sent as soon as possible after Commencements to candidates who have received degrees *in absentia*.

Application for a duplicate degree certificate may be made to the Academic Registry and should be accompanied by a fee of €105.

A duplicate degree certificate may be issued provided applicants declare in writing that to the best of their belief their original certificate has been destroyed, or has been lost for more than twelve months, or (the degree having been conferred *in absentia*) did not reach them through the post; and that if the original certificate is found they will return the duplicate to the Academic Registry.

## V HOODS AND GOWNS

### Hoods

Where an edging of a different colour from the lining is not prescribed, the hood is edged with the same colour as the lining. The material is silk unless otherwise specified.

#### *Bachelors*

Arts	B.A.	Black, lined with white fur
Divinity	B.D.	Black, lined with fine black silk
Laws	LL.B.	Black, lined with white
Medicine	M.B.	Black, lined with crimson
Surgery	B.Ch.	Black, lined with white, edged with blue
Obstetrics	B.A.O.	Black, lined with olive
Engineering	B.A.I.	Black, lined with green
Music	Mus.B.	Pale blue, lined with white fur
Dental science	B.Dent.Sc.	Myrtle green, lined with black watered silk, edged with crimson
Agriculture	Agr.B.	Black, lined with brown
Forestry	Agr. (Forest.) B.	Black, lined with brown, edged with green
Commerce	B.Comm.	Black, lined with gold (silk or poplin lining)
Veterinary medicine	M.V.B.	Black, lined with maroon, edged with olive green
Business studies	B.B.S.	Black, lined with gold (silk or poplin lining)
Social studies	B.S.S.	Black, lined with gold (silk or poplin lining), edged with white
Computer science	B.Sc. (Comp.)	Dark green, lined with black
Engineering	B.Sc. (Eng.)	Dark green, lined with black
Education	B.Ed.	Blue, lined with blue
Architectural science	B.Arch.Sc.	Dark green, lined with white fur
Applied sciences	B.Sc. (Applied Sciences)	Dark green, lined with black
Pharmacy	B.Sc. (Pharm.)	Dark green, lined with black
Surveying	B.Sc. (Surv.)	Dark green, lined with black
Management	B.Sc. (Mgmt)	Dark green, lined with black
Public administration	B.Sc. (Publ. Admin.)	Dark green, lined with black
Education (Home Economics)	B.Ed. (Home Econ.)	Blue, lined with blue
Human nutrition and dietetics	B.Sc. (Hum. Nut.)	Dark green, lined with black
Environmental health	B.Sc. (Env. Health)	Dark green, lined with black
Clinical speech and language studies	B.Sc. (Clin. Lang.)	Dark green, lined with black
Physiotherapy	B.Sc. (Physio.)	Dark green, lined with black
Music education	B.Mus.Ed.	Pale blue, lined with rose

Theology	B.Th.	Black, lined with black, edged with purple
Occupational therapy	B.Sc. (Cur. Occ.)	Dark green, lined with black
Music Composition	B.Mus. (Comp.)	Rose pink, lined with white fur
Music Performance	B.Mus. (Perf.)	Rose pink, lined with pale blue
Music (Performance)	B.Mus. (Perf.)	Pale blue, lined with rose
Media and communications	B.Sc. (Commun.)	Dark green, lined with black
Laws and German	LL.B. (Ling. Germ.)	Black, lined with white
Laws and French	LL.B. (Ling. Franc.)	Black, lined with white
Information systems	B.Sc. (Syst. Inf.)	Dark green, lined with black
Financial information systems	B.Sc. (Syst. Inf. Pec.)	Dark green, lined with black
Business studies and a language	B.B.S. (Lang.)	Black, lined with gold
Business and information technology	B.Sc. (Bus. and Inf. Tech.)	Dark green, lined with gold
Therapeutic radiography	B.Sc. (Ther. Rad.)	Dark green, lined with black
Diagnostic radiography <sup>2</sup>	B.Sc. (Diagn. Rad.)	Dark green, lined with black
Nursing studies	B.N.S.	Dark green, lined with black
Theatre studies	B.T.S.	Pale blue, lined with white fur
Engineering with management	B.Sc. (Ing.)	Black, lined with green, edged with white
Midwifery studies	B.M.S.	Dark green, lined with black
Nursing	B.Sc. (Cur.)	Dark green, lined with black
Radiation therapy	B.Sc. (Ther. Rad.)	Dark green, lined with black
Dental technology	B.Dent.Tech.	Myrtle green, lined with gold, edged with crimson
Midwifery	B.Sc. (A. Obs.)	Dark green, lined with black
Laws and business	LL.B. (B.S.)	Black, lined with white
Laws and political science	LL.B. (Pol. Sc.)	Black, lined with white
Human health and disease	B.Sc. (Hom. Val.)	Dark green, lined with black
Deaf studies	B.St.Su.	Black, lined with yellow
Human nutrition and dietetics <sup>3</sup>	B.Sc. (Hum. Nut. & Diet.)	To be confirmed
Acting	B.Histr.	Pale blue, lined with white fur
Education studies	B.Sc. (Ed. St.)	Dark green, lined with black

## Gowns

Bachelors	Black cloth, silk or poplin
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<sup>2</sup>Jointly awarded with the Singapore Institute of Technology.

<sup>3</sup>Jointly awarded with the Dublin Institute of Technology.



## VI DIPLOMAS

1 All diplomates are presented by name, within class, for the award of diploma.

2 Undergraduate diplomas may be obtained in

Acting and theatre

Dental hygiene

Dental nursing

European painting

Information systems

Music teaching and performance

For the regulations governing the award of the undergraduate diplomas; see under the respective subjects.

3 A certificate and diploma graduation fee of €75 is payable by all students in their first year of study registering on certificate or diploma courses.

4 Application for a duplicate diploma certificate may be made to the Registrar and should be accompanied by a fee of €105.

A duplicate diploma certificate may be issued provided applicants declare in writing that to the best of their belief their original certificate has been destroyed, or has been lost for more than twelve months, or (the diploma having been awarded *in absentia*) did not reach them through the post; and that if the original certificate is found they will return the duplicate to the Registrar.

5 Academic dress for the award of diplomas is as follows:

Undergraduate diplomates: undergraduate gown with a blue epitogue

# *Validated Undergraduate Courses*

## DEGREE OF BACHELOR IN EDUCATION (B.ED.)

### *Introduction*

The degree of Bachelor in Education (B.Ed.) is a professional degree which is intended to provide for the academic and professional requirements of primary school teachers. The degree award is placed at level 8 on the National Framework of Qualifications.

It is an integrated full-time course of study offered by Marino Institute of Education and the Church of Ireland College of Education. The course runs over four years and carries 240 credits. It is designed to equip student teachers with a range of knowledge and skills related to the profession of primary teaching. The curriculum includes foundation studies, language study, history of education, sociology of education, philosophy of education, educational psychology, curriculum and assessment, as well as competencies and methodologies of all subjects of the primary school curriculum.

Students undertake school placement during all years of the course. Placements vary in duration and include activities such as initial pupil observation, assisting the classroom teacher, and preparation for and classroom teaching of all subjects. Students are required to complete a placement in a special education setting and language training outside term time in the Gaeltacht as an integral part of the degree course.

The course meets the professional requirements of regulation two (primary) of the Teaching Council Regulations 2009. Under circular 40/2010 of the Department of Education and Skills, graduates of the course are eligible for appointment to recognised primary schools.

### *Admission*

Admission to the B.Ed. course is administered by the Central Applications Office.

Applicants must fulfil specific requirements set by the Department of Education and Skills.

Mature applicants (twenty-three years of age or over) may apply for entry to the B.Ed. course through the C.A.O. For those who satisfy the requirements there is a selection procedure involving a general interview and an oral Irish test. Further information about the course can be obtained directly from the colleges.

There is no new new entry to the B.Ed. course delivered by the Church of Ireland College of Education from September 2015. The last year of validation by Trinity College of the B.Ed. course delivered by the Church of Ireland College of Education for the already admitted students will cover the 2018-19 academic year.

## DEGREE OF BACHELOR IN SCIENCE (EDUCATION STUDIES) (B.SC. (ED. ST.))

### *Introduction*

This is an integrated full-time honors course of study offered by Marino Institute of Education. The degree award is placed at level 8 on the National Framework of Qualifications.

The course runs over four years and carries 240 credits. It is concerned with the development and application of knowledge and skills related to education, in both traditional and non-traditional settings. Students explore various aspects of the education system, theories about how people learn at different stages of life, and how to conduct research through a combination of three years of academic study and one year of practical placement tailored to meet each student's career aspirations. The course does not provide graduates with a teaching qualification.

### *Admission*

Admission to the Bachelor in Science (Education Studies) course is administered by the Central Applications Office. Mature applicants (twenty-three years of age or over) may apply for entry to the Bachelor in Science (Education Studies) course through the C.A.O. Further information about the course can be obtained directly from Marino Institute of Education (admissions@mie.ie).

## DEGREE OF BACHELOR IN MUSIC COMPOSITION (B.MUS.COMP.)

### *Introduction*

The degree of Bachelor in Music Composition is a professional degree course which aims to bring students to the highest level in music composition, supported by academic and performance studies aimed at developing a composer with the skills and attributes to make a successful career. The number of students admitted to the course is small to ensure meaningful performance opportunities for their works, and applicants are expected to have attained considerable proficiency in composition prior to entry, demonstrated by a portfolio of original works. The degree award is placed at level 8 on the National Framework of Qualifications. It is an integrated full-time course of study offered in its entirety by the Royal Irish Academy of Music. The course runs over four years and carries 240 credits.

The programme breaks down into three key complementary areas: core composition components directly relate to the students' own work; performance – a minor supporting component that offers the opportunity for each student to hear his/her own work and to participate in playing the work of other students, composers and eras; and supporting studies modules which offer theoretical foundations comprising the study of previous eras and include analysis of works using a variety of methods.

Although the focus of the course is on giving a comprehensive education in compositional and analytical methodology, placing this composition degree in the conservatoire setting affords composition students guaranteed opportunities to have their works performed, from workshop sessions to public concerts.

### *Admission*

Admission to the course is administered by direct entry to the Royal Irish Academy of Music. The application deadline is 1 February of each year. Further information about the course can be obtained directly from the RIAM, <http://www.riam.ie>.

## DEGREE OF BACHELOR IN MUSIC PERFORMANCE (B.MUS.PERF.)

### *Introduction*

The degree of Bachelor in Music Performance is a professional degree course which aims to bring students to the highest performing level, and to enhance the interpretative and intellectual qualities of their performance through supporting academic and professional practice studies. The number of students admitted to the course is small, and applicants are expected to have attained considerable proficiency in their chosen instrument/voice prior to entry. The degree award is placed at level 8 on the National Framework of Qualifications. It is an integrated full-time course of study offered in its entirety by the Royal Irish Academy of Music. The course runs over four years and carries 240 credits.

The Bachelor in Music Performance course has two main pathways – instrumental and vocal. Though both connect at a significant number of points along the programme, they also have separate modules and assessments particular to the demands of their chosen performance medium.

The primary emphasis of the course is on practical studies including both solo and ensemble work. These studies are supported by modules in aural training, compositional techniques, history of music and professional practice. These elements are designed to improve the quality of the

student's performance by developing aural, structural and stylistic awareness, and understanding of compositional techniques and the unique challenges of the music profession.

Integral to the course are secondary studies in chorale, orchestra (for orchestral instruments), accompaniment (for keyboard players) and opera, oratorio, song classes, languages and phonetics classes (for singers).

#### *Admission*

Admission to the course is administered by direct entry to the Royal Irish Academy of Music. The application deadline is 1 February of each year. There is an audition procedure involving a performance, written musical theory and dictation test, and interview, which usually takes place in late April. Further information about the course can be obtained directly from the RIAM, <http://www.riam.ie>.

### DEGREE OF BACHELOR IN SCIENCE (EARLY CHILDHOOD EDUCATION)

#### *Introduction*

The Bachelor in Science (Early Childhood Education) is a professional degree course which provides for the academic and professional requirements of early childhood education practitioners. It is a full-time course of study, which uses blended learning, offered by Marino Institute of Education. The degree award is placed at Level 8 on the National Framework of Qualifications and the course runs over four years and carries 240 credits. It is designed to equip students with a range of knowledge and skills related to early childhood education. The major organising themes of the curriculum include the child, curriculum and policy, ethics and social justice, and the professional (self). The elective curriculum will provide the opportunity for students to take 10 ECTS credits outside the students' main programme of study. Year 4 of the programme will combine field placement preparation, a field placement and a substantial research component.

#### *Admission*

Admission to the Bachelor in Science (Early Childhood Education) course is administered by the Central Applications Office.

Applicants must fulfil specific requirements set by the Department of Education and Skills.

Mature applicants (twenty-three years of age or over) may apply for entry to the Bachelor in Science (Early Childhood Education) course through the C.A.O. Further information about the course can be obtained directly from Marino Institute of Education ([admissions@mie.ie](mailto:admissions@mie.ie)).

### DIPLOMA IN MUSIC TEACHING AND PERFORMANCE (DIP. MUS.)

#### *Introduction*

The Diploma in Music Teaching and Performance is a professional diploma course which aims to bring students to the highest performing level, and to enhance the interpretative and intellectual qualities of their performance through supporting academic and professional practice studies. The number of students admitted to the course is small, and applicants are expected to have attained considerable proficiency in their chosen instrument/voice prior to entry. The diploma award is placed at level 7 on the National Framework of Qualifications. It is an integrated full-time course of study offered in its entirety by the Royal Irish Academy of Music. The course runs over one year and carries 60 credits.

The Diploma in Music Teaching and Performance course has two main pathways – instrumental and vocal. Though both connect at a significant number of points along the course, they also have separate modules and assessments particular to the demands of their chosen performance medium.

The primary emphasis of the course is on practical studies including both solo and ensemble work. These studies are supported by modules in aural training, compositional techniques, history

of music and professional practice. These elements are designed to improve the quality of the student's performance by developing aural, structural and stylistic awareness, and understanding of compositional techniques and the unique challenges of the music profession.

Integral to the course are secondary studies in chorale, orchestra (for orchestral instruments), accompaniment (for keyboard players) and opera, oratorio, song classes, languages and phonetics classes (for singers).

#### *Admission*

Admission to the course is administered by direct entry to the Royal Irish Academy of Music.

The application deadline is 1 February of each year. There is an audition procedure involving a performance, written musical theory and dictation test, and interview, which usually takes place in late April. Further information about the course can be obtained directly from the RIAM, <http://www.riam.ie>.

# Admission Requirements

## *I ADMISSION FOR PRIMARY DEGREES*

1 Applications for admission are classified as E.U. applications or non-E.U. applications. An E.U. application is one made by a person:

- (a) who is ordinarily resident in the E.U. and who will have received full-time post primary education in the E.U. for three of the five years immediately preceding admission;  
or
- (b) who is ordinarily resident in the E.U. and has worked full-time in the E.U. for three of the five years immediately preceding admission;  
or
- (c) who holds a passport from an E.U. State and has received all his/her full-time post primary education within the E.U.;  
or
- (d) who has official refugee status, or has been granted humanitarian leave to remain in the State and who has been ordinarily resident in the E.U. for three of the five years immediately preceding admission.

See <http://www.tcd.ie/study> for further details.

Applications from children of (a) E.U. Government officials living abroad, (b) semi-State officials who are on assignment in countries outside the E.U., (c) volunteer development workers, and (d) certain U.N. officials as approved by the Department of Foreign Affairs, are treated as E.U. applications. All other applications are considered to be non-E.U. applications.

2 For prizes awarded to rising Junior Freshmen, see ENTRANCE AWARDS and PRIZES AND OTHER AWARDS.

### *Applications for admission*

3 Applications for admission from E.U. applicants should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Non-E.U. applicants should apply online direct to Trinity College Dublin by 1 February of the proposed year of entry. For further information see <http://www.tcd.ie/study/non-eu/undergraduate/apply/>. For evening course see SECTION II, §10.

4 Entry is possible only at the beginning of the academic year, in September. No person will be admitted as a student of the University who will be under the age of 17 years on 15 January following the proposed date of entry.

5 The following will be the admission requirements to Trinity College Dublin for the academic year 2016-17.

### *General admission requirements*

6 To qualify for admission to the University applicants must:

- (i) attain the standard of general education prescribed for minimum entry requirements (see §7);
- (ii) where applicable, satisfy specific requirements for the courses to which admission is sought (see Table A);
- (iii) where there is competition for places, obtain a sufficiently high standard of examination results to ensure inclusion among the number to whom offers are made.

### *Minimum entry requirements*

7 To be considered for admission to the University applicants must have the following qualifications in (a) Leaving Certificate examination terms or (b) General Certificate of Education/General Certificate of Secondary Education examination terms or (c) equivalent second level examination.

Subjects acceptable for minimum entry requirements are listed below in §8.

#### *(a) Leaving Certificate examination*

- (i) A pass in English
- (ii) A pass in mathematics and a pass in a language other than English  
or  
A pass in Latin and a pass in a subject other than a language
- (iii) A pass in three further subjects
- (iv) Six subjects must be presented in all and three of these must be of a standard of at least grade C3 on higher Leaving Certificate papers or at least grade C3 in the University Matriculation examination.

A pass for requirements (i), (ii), and (iii) means grade D3 or above on higher or ordinary papers in the Leaving Certificate, grade D3 or above in the University Matriculation examination.

Applicants may combine grades achieved in different sittings of their Leaving Certificate/ University Matriculation examinations for the purpose of satisfying the minimum entry requirements (with the exception of medicine).

Bonus points for higher level Mathematics: All students presenting HD3 or above in higher level Mathematics will have 25 points added to their score for Mathematics. The bonus points will only be relevant where Mathematics is scored as one of a student's six best subjects for points purposes.

Leaving Certificate Vocational Programme Link Modules are accepted for points purposes **only** and are awarded the following points: distinction – 70, merit – 50, pass – 30.

#### *(b) General Certificate of Education/General Certificate of Secondary Education examinations*

- (i) A pass in English language
- (ii) A pass in mathematics and a pass in a language other than English  
or  
A pass in Latin and a pass in a subject other than a language
- (iii) A pass in three further subjects
- (iv) Six subjects must be presented in all and two of these must be of a standard of at least grade C on 'A' level papers.

A pass for requirements (i), (ii), and (iii) means grade C or above on G.C.S.E. or Advanced Subsidiary level papers.

Applicants may combine grades achieved in different sittings of General Certificate of Education/General Certificate of Secondary Education examinations for the purpose of satisfying the minimum entry requirements (with the exception of medicine).

'AS' level grades will not be accepted for the purpose of satisfying specific course requirements.

Bonus points for Mathematics: All students presenting Grade E or above in one of A-Level Mathematics, Further Mathematics or Pure Mathematics will have 25 points added to their score for that subject. The bonus points will only be relevant where that subject is scored as one of a student's four best subjects for points purposes.

#### *(c) Other school leaving qualifications*

Applicants who are presenting a second level qualification other than Leaving Certificate or Advanced G.C.E. ('A' level) should consult the Trinity College Dublin website (<http://www.tcd.ie/study/eu/undergraduate/admission-requirements/other-eu/>) for details of the relevant minimum entry and course requirements.

### *Acceptable subjects*

8 All subjects of the Leaving Certificate examination are acceptable with the following exceptions: Irish at foundation level is not acceptable; mathematics at foundation level is acceptable for minimum entry requirement purposes only (excluding courses in the School of Nursing and Midwifery). In addition G.C.E./G.C.S.E. subjects set by recognised examination boards, including modular 'A' levels, are, in principle, acceptable for consideration with the following exceptions: physical education; general studies; media studies. Applied A level, Vocational Advanced Subsidiary, Vocational A level, National Vocational and Key Skills qualifications are not accepted for either minimum entry requirement or scoring purposes. Applicants who require advice about subject eligibility should contact the Academic Registry.

There are restrictions on subject combinations as follows:

Art may not be presented with history of art (A-level)

Biology may not be presented with botany or zoology ('A-level')

Biology and agricultural science may both be used for scoring purposes but may not be presented as the two higher level subjects required for certain courses. In addition biology and agricultural science may not be presented as two of the six subjects required for minimum entry requirements (Leaving Certificate)

English literature may not be presented with English language (A-level)

Environmental studies may not be presented with biology or geography (A-level)

Physics/chemistry may not be presented with physics or chemistry (Leaving Certificate)

Science may not be presented with chemistry, physics or biology (A-level)

Not more than one specialised endorsed programme in art may be presented (A-level)

Art and music may not be offered as two of the three higher Leaving Certificate or as the two 'A' level grades required for minimum entry requirements but both may be used for scoring purposes

### *Specific course requirements*

9 Admission to courses may require more specific, and sometimes higher, minimal qualifications than those prescribed for minimum entry requirements. Specific course requirements are set out in the following table.

10

*Table A*

Course code	Name	Specific requirements (reference is to higher level grades)
TR001	Two-subject moderatorship courses	
	Ancient history and archaeology	none
	Catholic theological studies	none
	Classical civilisation	none
	Classical languages	C3 in Greek, Latin or in a language excluding English
	Drama studies	see note 12
	Early Irish	C3 in Irish
	Economics	see note 1
	English literature	C3 in English
	Film studies	none
	French	C1 in French
	Geography	none
	German	C1 in German



Course code	Name	Specific requirements (reference is to higher level grades)
	History	none
	History of art and architecture	none
	Italian	C3 in Italian or C3 in a language excluding English
	Jewish and Islamic civilisations	none
	Mathematics	B3 in mathematics
	Modern Irish	C in Irish
	Music	see note 5
	Philosophy	none
	Psychology	none
	Russian	C3 in a language excluding English
	Sociology	none
	Spanish	C3 in a language excluding English
	World religions and theology	none
TR002	Music	see note 5
TR003	History	none
TR004	Law	none
TR005	Philosophy	none
TR006	Psychology	none
TR007	Clinical speech and language studies	see note 4
TR008	World religions and theology	none
TR009	Music education	see note 5
TR012	History and political science	none
TR015	Philosophy, political science, economics and sociology	see note 1
TR016	Deaf studies	see note 20
TR017	Law and business	see note 1
TR018	Law and French	C1 in French
TR019	Law and German	C1 in German
TR020	Law and political science	none
TR021	Classics	C3 in Greek or Latin
TR022	Early and modern Irish	C3 in Irish
TR023	English studies	C3 in English
TR024	European studies	see note 8
TR025	Drama and theatre studies	see note 12
TR028	Ancient and medieval history and culture	none
TR029	Political science and geography	none
TR030	Catholic theological studies	none
TR031	Mathematics	B3 in mathematics
TR032	Engineering	C3 in mathematics
TR033	Computer science	C3 in mathematics
TR034	Management science and information systems studies	C in mathematics
TR035	Theoretical physics	B3 in mathematics and B3 in physics
TR038	Engineering with management	C3 in mathematics
TR039	Computer science and language	see note 22
TR051	Medicine	see notes 3A and 3B
TR052	Dental science	see note 3A

Course code	Name	Specific requirements (reference is to higher level grades)
TR053	Physiotherapy	see notes 1 and 6
TR054	Occupational therapy	see note 7
TR055	Radiation therapy	see note 14
TR056	Human health and disease	see note 18
TR071	Science	see notes 1 and 2
TR072	Pharmacy	see notes 1 and 9
TR073	Human genetics	see notes 1 and 10
TR074	Chemistry with molecular modelling	see note 11
TR075	Medicinal chemistry	see notes 1 and 2
TR076	Nanoscience, physics and chemistry of advanced materials	see note 13
TR077	Earth sciences	see notes 1 and 2
TR080	Business studies	see note 1
TR081	Business, economic and social studies	see note 1
TR082	Computer science and business	see note 19
TR083	Sociology and social policy	none
TR084	Social studies	none
TR085	Business studies and French	C1 in French and see note 1
TR086	Business studies and German	C1 in German and see note 1
TR087	Business studies and Russian	C3 in a language excluding English and see note 1
TR089	Business studies and Polish	C3 in a language excluding English and see note 1
TR090	Business studies and Spanish	C1 in Spanish and see note 1
TR091	General nursing	see note 15
TR092	Mature applicant general nursing	see note 17
TR093	General nursing – Adelaide School of Nursing	see notes 15 and 16
TR094	Mature applicant general nursing – Adelaide School of Nursing	see notes 16 and 17
TR095	Mental health nursing	see note 15
TR096	Mature applicant mental health nursing	see note 17
TR097	Intellectual disability nursing	see note 15
TR098	Mature applicant intellectual disability nursing	see note 17
TR911	Integrated general and children's nursing	see note 15
TR912	Mature applicant integrated general and children's nursing	see note 17
TR913	Midwifery	see note 15
TR914	Mature applicant midwifery	see note 17

*Notes to table A*

- 1 A mathematics requirement of grade C3 on the ordinary or grade D3 on the higher Leaving Certificate paper or grade B at G.C.S.E. level.
- 2 Two higher level grade Cs from the following subjects: physics, chemistry, biology, physics/chemistry, mathematics, geology, geography, applied mathematics, agricultural science. Physics/chemistry may not be presented with physics or chemistry. Agricultural

science may not be presented with biology. Mathematics may not be presented with applied mathematics.

- 3A At least a higher level grade B and a higher level grade C in two of physics, chemistry, biology, physics/chemistry, agricultural science. Physics/chemistry may not be presented with physics or chemistry. Agricultural science may not be presented with biology. An applicant who does not have some qualification in physics must present mathematics at grade C3 on the ordinary Leaving Certificate paper, grade D3 on the higher Leaving Certificate paper, or grade B at G.C.S.E. level.
- 3B Applicants must achieve a minimum of 480 points and meet the minimum entry and specific course requirements in the same sitting of the Leaving Certificate. In addition students will be required to complete the required admissions test (HPAT-Ireland).
- 4 A mathematics requirement of grade D3 on the ordinary or higher Leaving Certificate paper or grade C at G.C.S.E. level. A grade C at higher level in one of English, French, German, Irish, Italian, Spanish **and** a grade C at higher level in one of applied mathematics, physics, chemistry, biology, physics/chemistry, mathematics, agricultural science. Applicants presenting advanced G.C.E. ('A' levels) are required to have a grade C in one of English, French, German, Irish, Italian, Russian, Spanish or physics, chemistry, biology, mathematics. Applicants presenting an 'A-level' grade C from the group English, French, German, Irish, Italian, Russian, Spanish must also present at least grade B at G.C.S.E. level in one of the following: physics, chemistry, biology, mathematics. Applicants presenting an 'A-level' grade C from the group physics, chemistry, biology, mathematics must also present at least grade B at G.C.S.E. level in one of the following: English, French, German, Irish, Italian, Russian, Spanish.
- 5 Applicants who indicate music or music education as a choice of subject will be called for an entrance test in March. This will include a simple harmony paper, an ear test, a paper on general musical knowledge and background, and an essay paper (TR009 only). Some applicants will be called for interview (and in the case of TR009 applicants, further tests) in early May when the final selections will be made.
- 6 Two higher level grade Cs from the following subjects: physics, chemistry, biology, physics/chemistry, mathematics, agricultural science. Physics/chemistry may not be presented with physics or chemistry. Agricultural science may not be presented with biology.
- 7 One higher level grade C from the following subjects: physics, chemistry, biology, physics/chemistry, agricultural science.
- 8 Students entering this programme will study two languages from French, German, Italian, Polish, Russian and Spanish. Italian, Polish, Russian and Spanish are available from beginner level. No student may study more than one language as a beginner. Students accepted into this programme, subject to the above regulations, will normally have at least a higher level grade C in the Leaving Certificate or equivalent, in two of French, German, Italian, Polish, Russian, Spanish (C1 in the case of French and German, and C2 in the case of Spanish if non-beginner). Students who have only one language (other than English or Irish) may also be admitted, subject to the above regulations, if they achieve a higher level grade B in the language in the Leaving Certificate, or equivalent.
- 9 A higher level grade C in chemistry and a higher level grade C in one of physics, biology, mathematics, geology, geography, applied mathematics, agricultural science.
- 10 Two higher level grade Cs from the following subjects: biology, chemistry, physics, mathematics, applied mathematics, physics/chemistry. Physics/chemistry may not be presented with physics or chemistry. Mathematics may not be presented with applied mathematics.
- 11 A higher level grade C in mathematics and a higher level grade C in one of chemistry, physics, physics/chemistry, biology.

- 12 Applicants who indicate drama studies or drama and theatre studies as a choice of subject will be sent a questionnaire to complete in March. On the basis of the completed questionnaire some applicants will be called to attend a workshop and interview (during April/May) before final selections are made.
- 13 Two higher level grade Cs from the following subjects: physics, chemistry, physics/chemistry, biology, applied mathematics. Applicants must present mathematics at ordinary level grade A2 or higher level grade C3. Physics/chemistry may not be presented with chemistry or physics. Mathematics may not be presented with applied mathematics.
- 14 One higher level grade C from the following subjects: physics, chemistry, biology, physics/chemistry.
- 15 A grade D on the ordinary or higher paper in mathematics and in one of biology, physics, chemistry, physics/chemistry or agricultural science. Applicants who have previously been unsuccessful (academic and/or placement) in any nursing or midwifery programme or have any issues which would affect their registration with An Bord Altranais will only be considered for re-entry to nursing or midwifery on a case-by-case appeal basis to the relevant programme board. Such applicants should make their case in writing to the Admissions Officer and include any relevant details of extenuating circumstances.
- 16 This is a restricted entry course; therefore, applications must be submitted to the CAO by 1 February of the proposed year of entry. The Adelaide Hospital Society, which is a voluntary charitable organisation, nominates suitable applicants each year to the Adelaide School of Nursing. In selecting applicants, the Society has regard to its particular obligation to applicants from the Protestant community and also to members of inter-church families. Applicants will be sent an additional application form in mid-March, to be returned to the Adelaide Hospital Society. On the basis of the completed application form, a list of eligible applicants will be selected. Places on this course will then be allocated on the basis of Leaving Certificate points/mature students' written assessment scores.
- 17 This is a restricted entry course, therefore, applications must be received by the CAO by 1 February of the proposed year of entry. Mature applicants to midwifery or nursing are NOT required to submit a mature-student supplementary application form to Trinity College. If you indicate midwifery or nursing as a mature student, the Nursing Career Centre will invite you to a written assessment. Applicants who have previously been unsuccessful (academic and/or placement) in any nursing or midwifery programme or have any issues which would affect their registration with An Bord Altranais will only be considered for re-entry to nursing or midwifery on a case-by-case appeal basis to the relevant programme board. Such applicants should make their case in writing to the Admissions Officer and include any relevant details of extenuating circumstances.
- 18 A higher level grade C in biology and a higher level grade C in one of chemistry, physics, physics/chemistry.
- 19 A higher level grade C3 or an ordinary level grade A2 in mathematics.
- 20 A higher level grade C in English and a grade D at ordinary or higher level in a language other than English.
- 21 Applicants who wish to choose strand B must present at least a grade C3 in higher level Leaving Certificate Irish. There are no specific course requirements for strand A.
- 22 A higher level grade C3 in mathematics. Also, a grade C1 at higher level in French or German if selecting French or German, or a grade B3 at higher level in Irish if selecting Irish.

### *Entrance standards*

11 Reaching the minimum standard, either as prescribed for minimum entry or in specific course requirements, does not guarantee admission to the University. Where there is competition for places on a given course, applicants who (i) have attained the minimum entry requirements and (ii) have fulfilled the specific requirements for the course in question, are ranked on the basis of their best six University Matriculation/Leaving Certificate subjects, their best four G.C.E. Advanced level (A2) subjects or their best three G.C.E. Advanced level subjects and one G.C.E. Advanced Subsidiary level (AS) in a subject not presented at Advanced level (A2). An applicant's results from one sitting of the Leaving Certificate will be counted for scoring purposes. The best four G.C.E. Advanced level subjects from one academic year will be counted for scoring purposes. Where three G.C.E. Advanced level and one AS level subjects are being presented, the three G.C.E. Advanced level subjects must be taken in one academic year and the AS subject in the same or the preceding year. Applicants may combine results from the Leaving Certificate and the University Matriculation examination of the same year.

12 Students are admitted on the basis of their being proficient in the English language. Details of acceptable qualifications are outlined in the undergraduate prospectus.

### *Garda/police vetting*

13 Students on courses with clinical or other professional placements will be required to undergo Garda or other police vetting procedures.

### *Vaccination requirements*

14 Students entering clinical speech and language studies, dental science, dental hygiene, dental nursing, dental technology, medicine, midwifery, nursing, occupational therapy and physiotherapy are required to satisfy vaccination and/or immunisation requirements.

### *Acceptance of places – E.U. applicants*

15 Students who accept an offer of a place in the College through the C.A.O. must comply in full with the instructions set out in the offer notice. The offer will lapse unless accepted within the specified time period. The right is reserved to cancel the offer despite any part performance of acceptance or payment. Students will be contacted by the Academic Registry with regard to payment of fees due. Students eligible for the Government's tuition fee remission scheme will be liable for the student contribution (€3,000 in 2015) (which may be paid in two instalments), the student Sports Centre charge of €120 and the U.S.I. membership fee (optional) of €8. Students in receipt of local authority or SUSI grants will be liable for the student Sports Centre charge and the U.S.I. membership fee (optional) only. Students may be required to provide bank receipted evidence of payment of all relevant amounts. Registration cannot be completed until all outstanding charges (fees, accommodation and other payments due) have been paid. Students entering College for the first time, other than through the C.A.O. or as one-term students, must pay €3,128<sup>1</sup> (deductible if they subsequently pay an annual fee) as soon as they receive an offer of a place.

Students not qualifying for a local authority or SUSI grant or the Government's tuition fee remission scheme will be billed for the balance of any fees due. Such fees must be paid prior to or during their allotted registration period. Students liable for a full annual fee (including student contribution), if E.U., may exercise the option of paying the balance of their fees in two instalments. Local authority or SUSI grant-holders will have the student contribution (€3,000 in 2015) paid on their behalf by the local authority or SUSI on completion of form GF1 (available through my.tcd.ie). All grant-holders must certify that the fees will be paid by a recognised grant authority. If for any reason the relevant authority does not pay the annual tuition fees or the

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<sup>1</sup>This payment includes the student Sports Centre charge of €120 and the U.S.I. membership fee (optional) of €8.

student contribution in the case of local authority or SUSI grant-holders the student will become liable for the fees due and these should be paid within thirty days.

In cases where students are admitted after the beginning of the academic year no reduction of fees will be granted.

Where a student advises the College before 12 September that the place offered is not being taken up the fee of €3,128 will be refunded subject to a deduction of €212 (no refunds will be made after 12 September).

See also COLLEGE CHARGES, section II.

#### *Acceptance of places – non-E.U. applicants*

16 Students who wish to accept an offer of a place in the College will be required to return an acceptance fee to secure their place. Details of the due date and method of payment will be included in the offer letter.

#### *Deferred entry*

17 Students seeking admission to full-time undergraduate courses may apply to defer entry to College for one year. The procedure for E.U. students applying for deferred entry is as follows:

On receipt of a C.A.O. offer notice:

- (i) Do not accept the offer in the manner shown on the offer notice.
- (ii) Write immediately to the Academic Registry, setting out the reason(s) for the request.
- (iii) The letter must arrive in the Academic Registry at least two days before the 'reply date' shown on the offer notice.
- (iv) The Academic Registry will communicate the decision to the applicant.

In order to take up the deferred place, the applicant, must re-apply through the C.A.O. by 1 February of the succeeding year, placing the deferred course as the first and only choice.

Non-E.U. students applying for deferred entry should contact the Academic Registry in writing prior to the deadline for acceptance of their offer.

#### *Bachelor in Dental Technology*

18 Application for admission to the three-year Bachelor in Dental Technology degree (TR803) from E.U. applicants should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway by 1 February. Applications may be submitted online at <http://www.cao.ie>.

Applicants are required to present a pass in English, mathematics and in four other subjects, one of which must be physics, chemistry, biology, agricultural science or physics/chemistry. Of the six subjects presented two must be of a standard of at least grade C3 on ordinary Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade D3 on ordinary Leaving Certificate papers.

Applications may be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course.

### *II ADMISSION FOR DIPLOMAS AND OTHER PURPOSES*

#### *ONE-YEAR AND PART-YEAR STUDENTS*

1 Visiting undergraduate and postgraduate students, whether applying for one year, or one term, must apply directly to Trinity College Dublin and not to the Central Applications Office. See <http://www.tcd.ie> for further information.

2 Visiting students can attend for a full academic year, or for one term only, in either the Michaelmas or Hilary term. For the fees payable by one-year and one-term students, see COLLEGE CHARGES.

3 Admission for one year, or one term, cannot be considered for dental science or medicine.

#### *Admission for one year*

4 Entry is at the beginning of the academic year, in September. Completed application forms must be submitted by 15 April of the year of proposed entry. Further information on the application procedures can be found at <http://www.tcd.ie/study>.

Applications must be supported by a letter of recommendation from a senior official of the university to which the applicants belong, and by an official statement of their academic record. Approved candidates are assigned to a tutor and are required to attend lectures and take examinations, if available, on the same conditions as full-time students.

5 Students must communicate details of their course of study to the Academic Registry for approval within the first two weeks of the teaching term. Students who fail to do this are likely to have difficulties in obtaining full credit at the end of the year. Any proposed change in their course of study during the year must be approved by the Academic Registry, as advised by the relevant heads of school or department.

6 Students initially admitted to the University to take a one-year course may apply to the Senior Lecturer for permission to study in the College for a longer period up to and including the taking of a degree. See §16 below for further details.

#### *Admission for one term*

7 Applications are accepted from students of other universities, or other sufficiently qualified students, for admission for one term. Completed applications must be submitted by 15 April for entry in September. Applications for admission in January must be submitted by 15 October. Further information on the application procedures can be found at <http://www.tcd.ie/study>.

Approved candidates are entitled to attend lectures on the same conditions as full-time students. Where examinations are not available for students attending in the Michaelmas term only, alternative means of assessment will be organised. Students attending in the Hilary term are required to take examinations and/or other assessments during the Trinity term. Trinity term is not a teaching term – it is for revision and examination.

#### *Admission for specific courses*

8 The Senior Lecturer may also admit suitably qualified applicants to attend specific courses of lectures.

9 For the fees payable, see COLLEGE CHARGES.

#### APPLICATION FOR ADMISSION TO EVENING DEGREE COURSE

10 Applications for admission to the evening Bachelor in Science in Information Systems degree course should be submitted to Trinity College Dublin by 30 June. Recipients of the Diploma in Information Systems are automatically transferred to the Bachelor in Science course and do not need to reapply. Further information on the application procedures can be found at <http://www.tcd.ie/study>.

#### APPLICATION FOR ADMISSION TO DIPLOMA COURSES

11 Applications for admission to the Diploma in the History of European Painting should be submitted to Trinity College Dublin by 30 June. Further information on the application procedures can be found at <http://www.tcd.ie/study>.

12 Applications for admission to the Diploma in Information Systems should be submitted to Trinity College Dublin by 30 June. Further information on the application procedures can be found at <http://www.tcd.ie/study>. For non-mature students the minimum requirements for the diploma are six passes in the Leaving Certificate, or equivalent, with a minimum grade C3 at ordinary level in English and mathematics.

13 Applications for admission from E.U. applicants to the following diploma courses should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway: Diploma

in Dental Hygiene; Diploma in Dental Nursing. Note: The closing date for applications to Dental Hygiene is 1 February. Applications can be submitted online at <http://www.cao.ie>.

Table B

Course code	Name	Special requirements
TR801	Diploma in Dental Nursing	see notes A and C
TR802	Diploma in Dental Hygiene	see notes B and C

*Notes to table B*

- A A pass in English, mathematics and in four other subjects, one of which must be physics, chemistry, biology, agricultural science or physics/chemistry. Of the six subjects presented two must be of a standard of at least grade C3 on ordinary Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade D3 on ordinary Leaving Certificate papers.
- B A pass in English, mathematics and in four other subjects, one of which must be physics, chemistry, biology, agricultural science or physics/chemistry. Of the six subjects presented two must be of a standard of at least grade C3 on higher Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade D3 on ordinary Leaving Certificate papers.
- C Applications may be considered from mature applicants who do not satisfy the academic entry requirements but can demonstrate appropriate experience relevant to the course.

**ADMISSION OF STUDENTS WITH CREDIT FOR COURSES KEPT AT OTHER UNIVERSITIES AND COLLEGES**

15 Students seeking admission with credit from other universities and colleges are subject to the regular admissions procedure. Further information on the application procedures can be found at <http://www.tcd.ie/study>.

Such students may be allowed credit for so much of the undergraduate course as the Senior Lecturer may determine, but in any case a student must complete the modules and exercises of at least two academic years in the College. In granting admission to such students the Senior Lecturer, in consultation with the appropriate dean and/or head(s) of school(s) or department(s), may impose tests to establish the competence of the students in the course they propose to abridge.

16 In addition to §15, above, one-year students who wish to complete a degree in the University must have completed at least two years of relevant study at a recognised college or university. Such students may only be admitted to the final year of a degree course if they have successfully completed the course work and examinations prescribed for, or directly equivalent to, the penultimate year of the course during their time as a one-year student in the University. One-year students who have taken course work in the University, which does not correspond to the work of the penultimate year of their chosen course, may be admitted to the penultimate or to a preceding year of the full undergraduate course as appropriate and proceed normally from that point, provided that places are available.

17 Students granted admission with credit pay the fee for the class which they join.

**ADMISSION FOR HIGHER DEGREES**

18 See PART III OF THE CALENDAR — GRADUATE STUDIES AND HIGHER DEGREES.

**RE-ADMISSION**

19 E.U. Junior Freshman students who withdraw from College before 1 February (having been admitted the previous September) must re-apply through the C.A.O. for admission in a



subsequent year. Non-E.U. Junior Freshman students withdrawing before 1 February must re-apply through the Academic Registry. E.U. or non-E.U. students who withdraw from College after 1 February may apply for re-admission through the Academic Registry by 1 August of the proposed year of entry.

20 Students who have been permitted to go off the books may return to College in accordance with GENERAL REGULATIONS AND INFORMATION, section II, §§63-67.

21 Students who are off the books without permission may be re-admitted to the College only at the discretion of the Senior Lecturer. They pay a replacement fee of €358 and the Junior Dean must certify that they are in good standing in respect of the general regulations for students. In cases of ill-health the replacement fee may be waived by the Senior Lecturer, but students will be required to produce a satisfactory certificate from a nominated medical referee. A special application form for re-admission must be obtained from the Academic Registry, Trinity College.

22 Students who have completed a course of study or who have been off the books for a number of years may be re-admitted to College subject to the student satisfying the general admission requirements.

### MATURE STUDENTS

23 At the discretion of the Senior Lecturer, E.U. applicants who will be twenty-three years on 1 January of the year of admission may be admitted as mature students without having the normal minimum entry qualifications. Intending applicants must submit a supplementary application to Trinity College Dublin not later than 1 February 2016. All candidates of twenty-three years or over, who are applying solely on the grounds of mature age and not on the basis of Leaving Certificate points, must complete this application process to be eligible for consideration. When completing this application form to Trinity College applicants are advised to give a relatively full statement of their education experience, work experience and general interests. Interviews, where required for the applicants' chosen subjects, will be arranged by the Academic Registry. Owing to the high demand for places in certain areas not all applicants may be called for interview. In addition applicants may be required to satisfy other assessment criteria. Additional information for mature students should be obtained from the Academic Registry. Applicants must also make a submission through the C.A.O. by 1 February 2016.

### STUDENTS WITH DISABILITIES

24 Trinity College Dublin has an agreed policy on students with disabilities, and as far as possible will assist students with disabilities to complete their chosen course of study within the College. In some cases the entry requirements may be varied to assist students with disabilities to gain admission. For further information see <http://www.tcd.ie/pathways-to-trinity>.

### *III TRINITY ACCESS PROGRAMMES (TAP)*

1 Trinity College is strongly committed to ensuring a significant increase in participation at third level of those whose social, economic and educational experiences have prevented them from realising their full educational potential.

The College has established a number of Trinity Access Programmes (commonly known as TAP) including the primary and second level programmes, pre-university courses for young adults and mature students, in Trinity College and in partnership with CDETБ Colleges.

#### *The Foundation Courses for Higher Education – Mature Students*

2 Established in 1997, this one-year course prepares mature students (E.U. applicants who are over twenty-three years of age on 1 January of the year of application) for entry to undergraduate studies at Trinity College and other third level institutions. Up to twenty-five students are admitted each year. There are no standard educational entry requirements but evidence of a particular interest in education and strong motivation is essential. Pre-university courses for mature students are also available in partnership with TAP through CDETБ Pearse

College, Crumlin and Plunket College, Whitehall. Up to twenty-five students are admitted to each of these two courses per year.

#### *The Foundation Courses for Higher Education – Young Adults*

3 Established in 1999, this year-long course is open to Leaving Certificate students from TAP affiliated schools and schools affiliated to other higher education access programmes. Applicants should have taken the Leaving Certificate examination in the year of application or up to two years prior to that. Minimum entry requirements are a grade D in five subjects on ordinary level Leaving Certificate papers and a grade C in one subject on a higher level Leaving Certificate paper. Up to twenty-five students are admitted each year. A pre-university course for young adults is also available in partnership with TAP through CDET B Liberties College. Up to twenty-five students are admitted to this course per year.

#### *The School and Community Outreach Links (SCOL)*

4 This programme involves developmental work with primary and second level schools most of which are part of the DES 'Delivering equality of opportunity in schools (DEIS)' scheme and with communities where there is a low progression rate to higher education. The activities are developed and delivered in partnership with Trinity academic staff, communities, schools, parents, pupils, other higher education institutions and relevant statutory bodies. The range of opportunities currently available include a mathematics and science scholars programme, summer schools, guidance workshops, student shadowing days and educational achievement awards. The activities now involve over 4,000 people each year.

#### *The Post-Entry Progression Programme (PEPP)*

5 The PEPP aims to ease the transition from second to third level for young adult students, and to help mature students adjust to a return to education. TAP, together with other College services, schools and departments, has developed a range of post-entry supports for students from non-traditional backgrounds. These supports have been developed in response to student and staff evaluations. Supports are divided into four main headings: academic supports, financial supports, personal supports, social supports and include facilities such as a Writing Resource Centre, a Learning Resource Centre (The Studio), end-of-term workshops, fund-raising activities, extra tuition, personal support and advice.

6 Information on all of the above TAP initiatives may be obtained from the secretary, Trinity Access Programmes, Goldsmith Hall, Trinity College, Dublin 2.

### *IV THE MATRICULATION EXAMINATION*

1 In a limited range of subjects a matriculation examination is held in Trinity College every year usually in April. A detailed timetable is sent to candidates a fortnight before the examination.

2 The subjects of the matriculation examination are biblical studies and geology. Candidates may take one or both subjects.

3 The examination is graded in terms equivalent to the grades used in the higher Leaving Certificate examination papers.

4 Intending candidates must complete and send to the Academic Registry a matriculation examination application form, and the non-returnable fee of €98, together with the completed fee-payment form, not later than 1 March. It is the responsibility of applicants to ensure that the completed forms and fee payment reach the Academic Registry by the prescribed closing date. Late applications will not be accepted under any circumstances. All candidates are notified of their results by post.

5 One 3-hour paper is set in each subject.

## Biblical studies

The paper comprises two sections. Candidates should attempt both sections as outlined below.

### SECTION A. OLD TESTAMENT

Either

- I The history of Israel up to and including the Babylonian exile. Particular attention should be given to the origins of Israel, the rise of the monarchy, the fall of Samaria and the impact of the exile.

or

- II Old Testament literature:
  - (a) Narrative: the Joseph story (*Genesis* 37-48)
  - (b) Poetry: the Book of Amos
  - (c) Wisdom: the Book of Job

### SECTION B. NEW TESTAMENT

Either

- I The history of early Christianity in the first century. Particular attention should be given to the Jewish and Hellenistic environment, Jesus and his movement in Palestine and developments up to the destruction of the temple in 70 A.D.

or

- II Early Christian literature:
  - (a) Narrative: Acts of the Apostles
  - (b) Gospels: Mark's Gospel
  - (c) Letters: First Corinthians

The biblical text used will be the *Revised Standard Version*. Further information, past papers and suggested reading can be found on the department's website at [http://www.tcd.ie/Religions\\_Theology/](http://www.tcd.ie/Religions_Theology/) or by contacting Jane Welch ([jwelch@tcd.ie](mailto:jwelch@tcd.ie)) or Anne Fitzpatrick ([fitzpa@tcd.ie](mailto:fitzpa@tcd.ie)).

## Geology

The paper will offer a choice of about ten questions from which five must be answered. Candidates will be given credit for citing examples, where relevant, of geological features they have observed in the field. Credit will also be given for appropriate, clear illustrations.

### GENERAL GEOLOGY

The concept of, and evidence for, the layered structure of the Earth. The theory of plate tectonics and its bearing on the origin of earthquakes, volcanoes, mountain belts, and rift valleys.

### SURFACE PROCESSES

Weathering and its dependence on climate and rock type. Erosion, transport and deposition in fluvial, marine, aeolian, and glacial environments, with emphasis on the development of the Irish landscape. The features of ancient sedimentary rocks from which their depositional environment and way-up can be inferred. The hydrological cycle.

### EARTH MATERIALS

The composition and occurrence of the following minerals, and the diagnostic features sufficient to distinguish between them (without use of a microscope): quartz, feldspar, augite, hornblende, mica, olivine, garnet, calcite, galena, sphalerite, pyrite, chalcocopyrite, magnetite, hematite, limonite, malachite, fluorspar, barytes, gypsum, halite.

The characteristic features, occurrence and origin of the following common rocks: gabbro, dolerite, basalt, andesite, granite, rhyolite, obsidian, pumice, tuff, agglomerate; gneiss, schist,

slate, quartzite, marble, mylonite, hornfels; conglomerate, breccia, sandstone, greywacke, shale, mudstone, limestone, coal, chert. Irish mineral resources. Energy resources.

#### THE GEOMETRY OF ROCK BODIES

Folds and faults. Cleavage and its relationship to folding. Joints.

Candidates should be able to draw and interpret simple block diagrams and maps showing unconformities, dipping strata, folded strata, faulted strata, batholiths, dykes and sills.

#### EARTH HISTORY

The principles of radiometric dating of minerals. The subdivision of geological time. The origin and age of the Earth. The law of superposition and the principles of stratigraphic correlation. An outline of the geological history of Ireland and Britain, including periods of orogenesis, major unconformities, and changing environments of sedimentary deposition.

#### ANCIENT LIFE

The origin, evolution and extinction of organisms. A broad outline of vertebrate evolution including the appearance of man. Modes of preservation and fossilisation potential of different organisms. Fossils as rock builders and environmental indicators. Corals, brachiopods, molluscs (bivalves, gastropods, cephalopods), echinoderms (echinoids, crinoids), trilobites and graptolites: – those morphological features characterising their taxonomic class and approximate geological age. The use of microfossils in oil exploration.

# *General Regulations and Information*

## *I THE EDUCATIONAL OBJECTIVES OF THE MODERATORSHIP*

1 All moderatorship degree courses entail a broad base of knowledge of both a general and particular nature, and the intellectual skills that must be mastered are broadly similar in all areas.

All moderatorship degree courses seek to impart the following:

- (a) a strong broad base of knowledge that introduces the student to all the main aspects of the discipline or disciplines concerned, and to relevant aspects of closely related disciplines;
- (b) advanced expertise in the major subject that provides the students with a thorough understanding of the basic principles and methodology of the discipline and of the means by which the frontiers of the discipline can be expanded and new knowledge discovered;
- (c) a range of intellectual skills that develop as fully as possible the complete range of mental abilities, i.e. the enlargement and proficiency of mind that has long been a fundamental goal of university education.

These skills may be divided into two categories:

### *(i) Thinking skills*

These include:

- A — the capacity to make sense of what one learns, to analyse and sort data and solve problems
- B — to extend what one has learned, to generate new ideas and concepts, to apply what one has learned to new contexts
- C — to deal with knowledge in a critical way, to develop the capacity to evaluate information and ideas.

### *(ii) Communication skills*

These involve the capacity to organise information and arguments and conclusions, and to present them in a clear and well-reasoned manner.

### *Structure of undergraduate degree courses*

2 All undergraduate degree courses are designed to achieve the objectives described above. In the first two years there is an emphasis on acquiring a broad base of knowledge in the major subjects and in related areas that complement the major subjects and increase the student's understanding of them. In the third year there is a gradual shift to the study in depth of particular areas of the major fields with a greater emphasis on small group learning and on independent work and on the development of a critical and analytical approach to the subject matter.

In the fourth year the student, having acquired a solid grasp of the fundamental elements and methodology of the particular discipline and a broad base of knowledge, is in a position to undertake advanced, intellectually demanding work, requiring extensive independent research, the critical evaluation of data, the search for new interpretations, and the rigour, discipline and independence of effort that are designed to develop the mental capacities and creative skills.

Students typically do much of their formal work in this fourth year in tutorials, in seminars or in the laboratory, where they are required to present reports on particular problems and have to deal with the criticism of their peers and lecturers. They also have to write extended essays or dissertations, which are elaborate exercises in independent research, analysis, argumentation and presentation. Their examinations require them not merely to reproduce facts but to show understanding and to make sense of what they have learned.

The object of this fourth year is to ensure that students emerge with a high level of expertise in a chosen field and with versatile skills of a high order that equip them to proceed at once to advanced research or to bring to bear in whatever employment they enter the capacity to master quickly new areas of expertise, to solve problems, to generate ideas and to communicate well.

3 In 1999, the policy on the Broad Curriculum was approved by the University Council and the Board of the College. This set out the College's policy in relation to actions which might be taken to broaden the educational experience of undergraduate students and to promote further the skills and attributes identified above. Details of the policy and of associated initiatives may be viewed on the College website at [http://www.tcd.ie/Broad\\_Curriculum](http://www.tcd.ie/Broad_Curriculum).

*Ordinary Bachelor's degrees (Level 7, National Framework of Qualifications)*

4 Qualifications which signify completion of the first cycle at ordinary Bachelor's level are awarded to students who have completed a course of study which enables them to show:

- (a) a comprehension (that builds on and supersedes their general secondary education) of the theory, concepts and processes pertaining to a field or (in the case of joint degrees) fields of learning;
- (b) a knowledge, supported by the use of advanced textbooks, of one or more specialised areas;
- (c) that they can apply this knowledge and comprehension in a manner that indicates a thorough and informed approach to their work or vocation, and have competences typically demonstrated through devising and sustaining arguments, and formulating and solving problems within their field or fields of study;
- (d) that they have a mastery of a number of specialised skills and tools which they can use selectively to address complex problems, including design problems;
- (e) that they have the ability to devise data gathering experiments, and to gather and interpret relevant data to inform independent judgements which include reflection on relevant social, scientific or ethical issues;
- (f) that they can act effectively, under the guidance of qualified practitioners, in a peer relationship within multiple, complex and heterogeneous groups;
- (g) that they can communicate information, ideas, problems and solutions to both specialist and non-specialist audiences;
- (h) that they have developed those learning skills which are necessary for them to continue to undertake further study at an honors Bachelor or a Higher Diploma level.

*Honors Bachelor's degrees (Level 8, National Framework of Qualifications)*

5 Qualifications which signify completion of the first cycle at honors Bachelor's level are awarded to students who have completed a course of study which enables them to show:

- (a) a comprehension (that builds on and supersedes their general secondary education) of the theory, concepts, methods and processes pertaining to a field or (in the case of joint degrees) fields of learning;
- (b) a detailed knowledge, supported by the use of advanced textbooks, of one or more specialised areas, some of it at the current boundaries of the subjects;
- (c) that they can apply this knowledge and comprehension in a manner that indicates a thorough and informed approach to their work or vocation, and have competences typically demonstrated through devising and sustaining arguments, and formulating and solving problems within their field or fields of study;
- (d) that they have a mastery of a number of specialised skills and tools which they can use selectively to address complex problems, including design problems, or to conduct closely guided research;
- (e) that they have the ability to devise data gathering experiments, and to gather and interpret relevant data to inform independent judgements which include reflection on relevant social, scientific or ethical issues;
- (f) that they can act effectively, under the guidance of qualified practitioners, in a peer relationship within multiple, complex and heterogeneous groups;
- (g) that they can communicate information, ideas, problems and solutions to both specialist and non-specialist audiences;

- (h) that they have developed those learning skills that are necessary for them to continue to undertake further study with a high degree of autonomy.

## II ACADEMIC PROGRESS

### *Terminology defined*

1 During the first year of their undergraduate course students are normally called Junior Freshmen, during the second year Senior Freshmen, during the third Junior Sophisters, and during the fourth Senior Sophisters. Students become Candidate Bachelors on successful completion of their degree course. When they have received their undergraduate degree they become Bachelors. Bachelors of the University of at least three years' standing may proceed to the degree of Master in Arts (see DEGREES AND DIPLOMAS section).

The expression 'rising Junior Freshman' is used to describe a student who has been granted admission to the Junior Freshman class of the coming Michaelmas term, and whose name has been placed on the College books. A rising Senior Freshman is a student who has credit for the Junior Freshman year but has not entered upon the Senior Freshman year; and similarly in the Sophister years.

### *Academic year and terms 2015-16*

2 The academic year begins on 31 August 2015. It is divided into three terms, Michaelmas term (31 August-18 December), Hilary term (18 January-8 April), Trinity term (11 April-1 July). The period in Michaelmas term and Hilary term during which instruction is given is called teaching term. There are two teaching terms of twelve weeks' duration both of which contain a designated study period falling on the seventh week. The dates of teaching terms are given in the *Calendar*, PART I - ALMANACK. Undergraduate teaching should be confined to these two teaching terms, however, if and when approved by the University Council, certain courses, normally professional, are permitted to hold teaching and/or placements outside of the standard academic year structure, and in particular outside of the two twelve-week teaching terms.

### *Public and other holidays within academic terms*

3 On the following days (which may fall within the academic terms) no lectures, demonstrations or examinations are held: St Patrick's Day, Good Friday, Easter Monday, May Monday, June Monday, October Monday, together with the Monday and the afternoon of the Wednesday of Trinity Week.

4 All offices and libraries remain open on Trinity Monday.

### *Registration*

5 Registration for students will commence after 7 September 2015 for the academic year 2015-16.

6 A charge of €212 will be imposed for late registration (i.e. levied on students who fail to register during their allotted registration period). Students who do not register by 20 November 2015 will be deemed to be withdrawn and services such as library and e-mail accounts may be suspended. In such circumstances undergraduate students must apply through the Academic Registry to the Senior Lecturer for re-admission and pay a replacement fee of €358 (€12 late registration fee and €146 re-admission fee).

All students who are deemed eligible for the Government's tuition fee remission scheme will be considered registered for the full academic year 2015-16 (and fee claimed by the College for a full year) unless the College is formally notified in writing of their intention to withdraw from College prior to 31 January 2016. For further information, see COLLEGE CHARGES section.

Note that the above dates may be subject to change. Please see <https://www.tcd.ie/academicregistry/fees-payments/> for more information.

7 It should be noted that registration cannot be completed until any debts owing to the College have been paid and until all fees for the forthcoming year have been paid, or pledged as payable

by an education authority. Students who establish that they are eligible for the Government's fee remission scheme for full-time undergraduate courses will qualify to have all or part of their tuition fees claimed from the Higher Education Authority by the College on their behalf. See COLLEGE CHARGES for further information. Also see <https://www.tcd.ie/academicregistry/fees-payments/> for information concerning unpaid charges.

8 All students admitted as non-E.U. students are required to take out health insurance prior to registration and must maintain this cover throughout their studies.

9 The name under which a student registers in College is that given on the relevant application form. A student's name may only be changed on presentation of official documentation (i.e. passport, birth certificate, marriage certificate, certificate of name-change by deed poll, or other documentation deemed acceptable by the Administrative Officer in the Academic Registry). Relevant forms and further procedures are available from <https://www.tcd.ie/academicregistry/service-desk/application-forms/>. A student's name may not be changed later than the end of the Hilary term before he/she is due to graduate from his/her course.

10 A student may not normally be registered on the undergraduate and postgraduate registers of the University at the same time.

11 During the registration process each newly entering student is provided with a username and password to access his/her individual Trinity College network and e-mail account. All students are required to check their Trinity College e-mail account on a regular basis as official College e-mails will be sent to this account.

#### *Regulations*

12 During the registration process all students will confirm, among other things, that they have been provided with a link to the Board's general regulations for students and that they are applying for registration in accordance with the provisions of such regulations. Students must ensure that they are familiar with both the general regulations and the more detailed school or department regulations.

In the event of any conflict or inconsistency between the general regulations and school, department or course handbooks, the provisions of the general regulations shall prevail.

#### *Tutors*

13 Undergraduate students are assigned a tutor when they are admitted to College. The tutor, who is a member of the teaching staff, takes a personal interest in the students' progress, represents the students before the College authorities, and will give confidential advice on courses, discipline, examinations, fees and other matters. The tutor is not a supervisor of studies. Students may change their tutor with the approval of the Senior Tutor. For the list of tutors, see *Calendar* PART I - TUTORS.

#### *Student Counsellor*

14 Confidential help with personal problems is available for all students through the Student Counselling Service.

#### *Students with disabilities*

15 College is committed to a policy of equal opportunity in education and to ensuring that students with a disability have as complete and equitable access to all facets of College life as can reasonably be provided. College has adopted a code of practice which is applicable to all students with disabilities studying in College. This is in accordance with the Disability Act 2005, the Equal Status Acts 2000 (as amended) and the University Act 1997. Students with a disability are encouraged to register with the Disability Service to seek supports where the disability could affect their ability to participate fully in all aspects of the course.



### *Student parents, student carers and students who experience pregnancy*

16 The policy on supports for student parents, student carers and students who experience pregnancy lays down guidelines for good practice in the College's provision for, and commitment to, those students who have parental or caring responsibilities or experience pregnancy during their time as students in College. It seeks to ensure that there should be no academic or financial penalty for a student taking maternity, paternity, adoptive, or carer's leave and aims to lay out a clear set of protocols and a range of flexible arrangements that will assist students in these situations. College will endeavour to support such students by taking as flexible an approach as possible to attendance and assignment deadlines, while ensuring that academic and professional standards are not compromised. Students who have caring responsibilities are encouraged to discuss these with their tutor or course co-ordinator, as relevant. Together they may develop a plan for flexibility around attendance and/or assessments to be discussed and agreed with the relevant school(s). Certain arrangements will also require the approval of the Senior Lecturer. Once in place, the agreement should be regularly monitored and adjusted as necessary. The full policy document may be viewed on the College website at <http://www.tcd.ie/about/policies/>.

### *Attendance*

17 All students should enter into residence in or near Dublin and must begin attendance at the College not later than the first day of teaching term, and may not go out of residence before the last day of teaching term, unless they have previously obtained permission from the Senior Lecturer through their tutor.

18 Students must attend College during the teaching term. They must take part fully in the academic work of their class throughout the period of their course. Lecture timetables are published through [my.tcd.ie](http://my.tcd.ie) and on school or department notice-boards before the beginning of Michaelmas teaching term. The onus lies on students to inform themselves of the dates, times and venues of their lectures and other forms of teaching by consulting these timetables.

19 The requirements for attendance at lectures and tutorials vary between the different faculties, schools and departments. Attendance is compulsory for Junior Freshmen in all subjects. The school, department or course office, whichever is relevant, publishes its requirements for attendance at lectures and tutorials on notice-boards, and/or in handbooks and elsewhere, as appropriate. For professional reasons lecture and tutorial attendance in all years is compulsory in the School of Engineering, the School of Dental Science, the School of Medicine, the School of Nursing and Midwifery, the School of Pharmacy and Pharmaceutical Sciences, for the B.S.S. in the School of Social Work and Social Policy, and for the B.Sc. in Clinical Speech and Language Studies. Attendance at practical classes is compulsory for students in all years of the moderatorship in drama and theatre studies and drama studies two-subject moderatorship.

20 In special circumstances exemption from attendance at lectures for one or more terms may be granted by the Senior Lecturer; application for such exemption must be made in advance through the tutor. Students granted exemption from attendance at lectures are liable for the same annual fee as they would pay if attending lectures. Students thus exempted must perform such exercises as the Senior Lecturer may require. If these exercises are specially provided, an additional fee is usually charged.

21 Students who in any term have been unable, through illness or other unavoidable cause, to attend the prescribed lectures satisfactorily, may be granted credit for the term by the Senior Lecturer and must perform such supplementary exercises as the Senior Lecturer may require. The onus for informing the Senior Lecturer of illness rests with individual students who should make themselves familiar with the general and more detailed school or course regulations regarding absence from lectures or examinations through illness. In addition, issues with students may arise from time to time, which in the opinion of the Senior Lecturer affect a student's ability or suitability to participate in his or her course. If required by the Senior Lecturer, students (other than those subject to §28 below) are obliged to undergo a medical examination or assessment by

a doctor or specialist nominated by the Senior Lecturer at the expense of the College for the purpose of obtaining an opinion as to the student's medical fitness to continue with his/her studies or as to his/her ability or suitability to participate in his/her course to the standards required by the College. Students found to be unfit following such a medical examination or assessment may be required to withdraw until such times as they are deemed fit to resume their studies. Students who fail to attend such a medical examination or assessment within a reasonable period may be required by the Senior Lecturer to withdraw until such time as they attend the aforementioned medical examination or assessment and are deemed fit to resume their studies.

22 Students who are unable to attend lectures (or other forms of teaching) due to their disability should immediately contact the Disability Service to discuss the matter of a reasonable accommodation. Exceptions to attendance requirements for a student, on disability grounds, may be granted by the Senior Lecturer following consultation with the student's school, department or course office, and the Disability Service.

23 Students who find themselves incapacitated by illness from attending lectures (or other forms of teaching) should immediately see their medical advisor and request a medical certificate for an appropriate period. Such medical certificates should be copied to the school, department or course office, as appropriate, by the student's tutor.

#### *Course work*

24 Students may be required to perform course work as part of the requirements of their course of study. The assessment of course work may be based on the writing of essays, the sitting of tests and assessments, attendance at practical classes and field trips, the keeping and handing in of practical books, the carrying out of laboratory or field projects, and the satisfactory completion of professional placements. The school, department or course office, whichever is appropriate, publishes its requirements for satisfactory performance of course work on school notice-boards and/or in handbooks and elsewhere, as appropriate.

#### *Non-satisfactory attendance and course work*

25 All students must fulfil the course requirements of the school or department, as appropriate, with regard to attendance and course work. Where specific requirements are not stated, students may be deemed non-satisfactory if they miss more than a third of their course of study or fail to submit a third of the required course work in any term.

26 At the end of the teaching term, students who have not satisfied the school or department requirements, as set out in §§19, 24 and 25 above, may be reported as non-satisfactory for that term. Students reported as non-satisfactory for the Michaelmas and Hilary terms of a given year may be refused permission to take their annual examinations and may be required by the Senior Lecturer to repeat their year. Further details of procedures for reporting a student as non-satisfactory are given on the College website at <https://www.tcd.ie/undergraduate-studies/academic-progress/attendance-course-work.php>.

#### *Garda/police vetting*

27 Students on courses with clinical or other professional placements or on courses that will bring them into professional contact with children and/or vulnerable adults will be required to undergo vetting by the Garda Síochána, through the Garda Central Vetting Unit, or other relevant police force prior to commencing placements. If, as a result of the outcome of these vetting procedures, a student is deemed unsuitable to attend clinical or other professional placements, he/she may be required to withdraw from his/her course of study.

#### *Fitness to practise*

28 Situations may arise where there are concerns regarding a student's fitness to participate in clinical or other placements, which are an essential component of the student's course. Such

concerns should be addressed to the student's head of department or school (in the case of single discipline schools) so that he/she may consult with the Junior Dean or Director of the Disability Service, if relevant, in order to determine the appropriate mechanism to deal with the situation. Cases, not falling within the remit of Garda/police vetting or College disciplinary procedures may be referred to a school's Fitness to Practise Committee. Where an alleged disciplinary offence or matter of student mental health comes before the Junior Dean, the Junior Dean may decide to refer the case to the Fitness to Practise Committee of the relevant school if the Junior Dean considers this to be a more appropriate way of dealing with the case. Where a fitness to practise issue arises in the context of an academic appeal, whether through a Court of First Appeal or the Academic Appeals Committee, the relevant body hearing the appeal may decide to refer the case to the Fitness to Practise Committee of the relevant school if it is considered to be a more appropriate way of dealing with the case.

Refusal on the part of the student to engage with the procedure set out in relation to fitness to practise cases shall be regarded as misconduct for the purposes of S.1(1), Schedule 2 of the 2010 Consolidated Statutes.

Where the school's Fitness to Practise Committee decides that the concern is well founded, it may take one of the following actions:

- (i) Caution the student in relation to the matter.
- (ii) Recommend that the student be required to undergo testing, at College's expense, in respect of suspected drug or alcohol addiction. A student failing to comply with this requirement or whose tests confirm continued drug or alcohol use may be required to withdraw from his/her course or to go off-books until such time as he/she is certified by an appropriately qualified person to be fit to proceed with his/her course of studies.
- (iii) Recommend that the student be required to undergo a medical examination or assessment, which may include psychiatric assessment, by a doctor or specialist nominated by the committee at the expense of College for the purpose of obtaining an opinion as to the student's medical fitness to continue with his/her studies or as to his/her ability or suitability to participate in his/her course to the standards required by College. Where a student fails to comply with this requirement, or where he/she is assessed to be unfit to continue with his/her studies or unable or unsuitable to participate in his/her course to the standard required by College, he/she may be required by the committee to withdraw from his/her course or to go off books until such time as he/she is certified by an appropriately qualified person, nominated by College, to be fit to proceed with his/her course of studies.
- (iv) Recommend that the student be suspended until such time as he/she is certified by an appropriately qualified person, nominated by College, to be fit to proceed with his/her course of study.
- (v) Recommend that the student complete such additional academic exercises, which may include placements, as prescribed by the committee. Prior consultation with the Senior Lecturer may be necessary.
- (vi) Recommend that the student be required to withdraw from his/her course.

Decisions of the school's Fitness to Practise Committee shall be referred to the Senior Lecturer for approval.

A decision of the school's Fitness to Practise Committee may be appealed to the College Fitness to Practise Committee, which is vested with the same powers as a school Fitness to Practise Committee and will hear the case as new. A student appearing before either committee is entitled to representation by their tutor, by the Students' Unions, or by any other person of their choice. Decisions of the College Fitness to Practise Committee shall be referred to the University Council and the Board of the College for approval. An appeal against a decision of Board in such cases shall be made to the Visitors of the College.

Where a student's behaviour threatens the well-being of patients, students or staff, the head of school, head of department or other appropriate member of the work-based placement staff shall have the power to suspend the student from the placement with immediate effect, provided the

case shall then be referred immediately to the Junior Dean, if misconduct is alleged, or, in all other cases, to the relevant school's Fitness to Practise Committee. This is without prejudice to the disciplinary powers of the Junior Dean, as provided under the 2010 Consolidated Statutes, or the powers of the Senior Lecturer to require a student to withdraw from his/her course until such time as he/she is deemed fit to resume his/her studies.

A student with a disability undertaking a professional course may apply for, and be provided with, such reasonable accommodation as is necessary to enable the student to participate in all aspects of the course unless the provision of such accommodation entails more than a nominal cost. If concerns are raised in relation to a student who is known to have a disability, consideration must first be given, in conjunction with the College's Disability Service, to the level and types of support put in place to allow the student to participate as fully as possible in his/her chosen course. If the supports are deemed to be appropriate or if the student does not engage with the reasonable accommodations process to provide appropriate supports, and concerns remain in relation to the student's fitness to participate in professional placements, the case shall be dealt with in accordance with the procedures outlined above.

#### *Credit weighting of courses*

29 The College has adopted the European Credit Transfer and Accumulation System (ECTS), under which each year of full-time undergraduate study carries 60 credits. In exceptional instances, almost always related to professional and interdisciplinary courses, the Senior Lecturer may permit an excess of credits above 60 in certain years.

#### *Institutional marking scale*

30 The following institutional marking scale has been adopted for undergraduate degree and diploma courses: I = 70-100 per cent, II<sub>1</sub> = 60-69 per cent, II<sub>2</sub> = 50-59 per cent, III = 40-49 per cent, F<sub>1</sub> = 30-39 per cent, F<sub>2</sub> = 0-29 per cent.

Courses where this scale is not in use are those in dental science, dental technology, human nutrition and dietetics, medicine, midwifery, nursing, occupational therapy, physiotherapy and radiation therapy. Further details are available on the College website at <https://www.tcd.ie/academicregistry/exams/assets/staff/markingscales.pdf>.

Results for undergraduate diploma courses are published as either distinction (70-100 per cent), pass (40-69 per cent), or fail (0-39 per cent).

#### *Examinations*

31 Examination timetables are published in advance of the dates of examinations on the College website at <https://www.tcd.ie/academicregistry/exams/timetables-dates/>. The College reserves the right to alter the published time and date of an examination in exceptional circumstances. Students should ensure that they are available for examinations for the duration of the relevant examination session as stated in the *Calendar* PART I - ALMANACK.

No notice is required of intention to take an annual or supplemental examination in the course for which students have registered.<sup>1</sup> The onus lies on each student to establish the dates, times and venues of examinations by consulting the relevant timetable on the College website. No timetable or reminder will be sent to individual students by any office.

32 The College has approved the practice of anonymous marking for undergraduate examinations. This does not apply to continuous assessment and term tests. All undergraduate examination results are published anonymously by student number on school, department or course office notice-boards, as appropriate.

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<sup>1</sup>Notice is required for Foundation Scholarship.

33 There are two University examination sessions: annual and supplemental.<sup>2</sup> The dates of these examination sessions are given in the *Calendar* PART I - ALMANACK. Examinations should be confined to these two examination sessions. However, if and when approved by the University Council, certain courses, normally professional, are permitted to hold examinations outside of the standard academic year structure and, in particular, outside of the two University examination sessions. Furthermore, in individual cases, examinations outside these two sessions will only be permitted pursuant to §37. Students are, in the first instance, required to present for examination at the annual session for their class. Students who are unable to complete their examinations at the annual or supplemental session due to illness, disability,<sup>3</sup> or other grave cause beyond their control may apply through their tutor to the Senior Lecturer for permission to repeat the year.

34 Where an examination has been completed, subsequent withdrawal is not permitted. Students who have successfully completed an examination and are qualified to rise with their year are not permitted to repeat the examination.

35 Students who consider that illness may prevent them from attending an examination (or any part thereof) should consult their medical advisor and request a medical certificate for an appropriate period. If a certificate is granted, it must be presented to the student's tutor within three days of the beginning of the period of absence from the examination. The tutor must immediately forward the certificate to the Senior Lecturer. Medical certificates must state that the student is unfit to sit examinations. Medical certificates will not be accepted in explanation for poor performance.

(a) Where a student becomes ill prior to the commencement of the annual examination, they may seek permission through their tutor from the Senior Lecturer to withdraw and take the supplemental examination in that year.

(b) Where illness prevents a student from completing any part of the annual examination and they withdraw from the examination, permission may be given for a supplemental examination to be taken in that year.

(c) Where illness occurs during the writing of an examination paper, it should be reported immediately to the chief invigilator. The student will then be escorted to the College Health Centre. Every effort will be made to assist the student to complete the writing of the examination paper.

Students who consider that other grave cause beyond their control may prevent them from attending an examination (or any part thereof) should consult their tutor who should make representations immediately to the Senior Lecturer that permission be granted for absence from the examination. Regulations (a) and (b) also apply in the case of absence from annual examinations due to other grave cause beyond a student's control.

Regulations (a) and (b) apply only to examinations which are non-final non-degree examinations. However, regulations (a) and (b) apply in all years of those professional courses which permit supplemental examinations in final or degree years.

36 The nature of special examination accommodations, and their appropriateness for individual students, will be determined by the Senior Lecturer who may request a report from the officer in charge of the College's Disability Service, Health Service or Student Counselling Service. Such reports will be strictly confidential. The Senior Lecturer may in exceptional circumstances allow a student to take his/her annual examinations in more than one session. Any application for an accommodation in respect of examinations should normally be made no later than the tenth week of Hilary teaching term.

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<sup>2</sup>This generally applies to non-final or non-degree examinations. Specific regulations concerning the availability of supplemental examinations and assessments in final or degree years of professional courses may be found in their particular course entries.

<sup>3</sup>Full details of examination procedures for students with disabilities can be found at <https://www.tcd.ie/academicregistry/exams/student-guide/#/withdisability>.

37 Special examinations, outside of the University annual and supplemental examination sessions, as set out in the *Calendar* PART I - ALMANACK, will be permitted only in exceptional circumstances, either by (i) the Senior Lecturer, normally on the recommendation of a Court of First Appeal, pursuant to §53, or (ii) the Academic Appeals Committee, pursuant to §54. Such examinations commence in the third week of the Michaelmas teaching term. They will not be arranged after that date. In all cases a fee of €382 is charged for a special examination. Special examinations are not granted for all or any part of degree examinations though these may be permitted in certain professional courses.

38 If protracted illness prevents students from taking the prescribed examination, so that they cannot rise into the next class, they may withdraw from College for a period of convalescence, provided that appropriate medical certificates are submitted to the Senior Lecturer. If they return to College in the succeeding academic year and take advantage of any academic instruction or facilities, they must complete the requirements of their class and pay the full fee prescribed for their course. Students who qualify for the fee remission scheme should refer to COLLEGE CHARGES, section II. Alternatively, with the Senior Lecturer's consent, they may present themselves at the next annual examination for their class on payment of an examination fee of €382.

39 Where the effects of a disability prevents a student from taking the prescribed examination, so that they cannot rise into the next class, the Senior Lecturer may permit the student to withdraw from College for a period of time provided that appropriate evidence has been submitted to the Disability Service. If they return to College in the succeeding academic year and take advantage of any academic instruction or facilities, they must complete the requirements of their class and pay the full fee prescribed for their course. Students who qualify for the fee remission scheme should refer to COLLEGE CHARGES, section II. Alternatively, with the Senior Lecturer's consent, they may present themselves at the next annual examination for their class on payment of an examination fee of €382.

40 Students who are prevented by illness or other grave cause beyond their control from writing the whole or part of the moderatorship examination in their final year may apply to the Senior Lecturer, through their tutor, for permission to present for the examination at the next annual examination for their class. Such application must be made as soon as the extent of the illness or grave cause becomes evident and must be accompanied by a full explanation of the illness or grave cause and appropriate certification.

41 Students who are prevented by their disability from writing the whole or part of the moderatorship examination in their final year may apply to the Senior Lecturer, through their tutor, for permission to present for the examination at the next annual examination for their class. In such cases the Senior Lecturer will consider the views of the student's disability officer.

#### *Aegrotat degree*

42 In exceptional circumstances, students who are prevented by illness or other grave cause beyond their control from writing the whole or part of the honor examination in their final year may apply to the Senior Lecturer, through their tutor, for the award of an aegrotat degree. Such application must be made as soon as the extent of the illness or grave cause becomes evident and must be accompanied by a full explanation of the illness or grave cause.

If the Senior Lecturer is satisfied that a case for the award of an aegrotat degree has been made successfully, the Senior Lecturer will advise the appropriate court of examiners accordingly and request that they proceed in the course of their regular meeting to make arrangements for the publication and award of an aegrotat degree, the level of which, either unclassified honor or ordinary degree, is to be determined by reference to the previous appropriate academic record of the candidate. Persons to whom an unclassified honor aegrotat award is being made will be included on the customary moderatorship examination result sheets in a section at the end of the lists headed 'aegrotat unclassified honor award'. Persons to whom an ordinary degree award is

being made will be included on the customary ordinary degree examination result sheet in a section at the end of the list headed 'aegrotat ordinary degree award'.

As an alternative, a student who has been awarded but not conferred with an aegrotat degree of unclassified honor or ordinary level may, within one year of the award and with the permission of the Senior Lecturer, elect to write the next moderatorship examination in the appropriate discipline with the prospect of proceeding to the award of a classified honor degree.

This same provision applies to students reading other undergraduate degree courses in the Faculty of Arts, Humanities and Social Sciences and the Faculty of Engineering, Mathematics and Science.

Aegrotat degrees are not available in certain professional courses where the award of the degree confers a right to practise. Such courses are the B.Sc. in Clinical Speech and Language Studies, Bachelor in Education (B.Ed.), Bachelor in Social Studies (B.S.S.) and Bachelor in Engineering (B.A.I.), and all courses in the Faculty of Health Sciences with the exception of the B.Sc. in Human Health and Disease.

#### *Conduct of examinations*

43 Except as provided below, candidates for examination are forbidden during an examination to do or to attempt to do, any of the following: to have in their possession or consult or use any books, papers, notes, memoranda, mobile phones or written or electronic material of any nature, or to copy from or exchange information with other persons, or in any way to make use of any information improperly obtained.

44 Where the examination is of such a nature that materials are provided to the candidates, or where the candidates are allowed by the rules of that examination to have materials in their possession, then candidates may of course make use of such materials, but only of such materials, and the general prohibition above continues to apply in respect of any and all other materials.

45 Where candidates have the prior written permission of the examiner(s), of the Senior Lecturer, or of the Disability Officer, to have materials in their possession during an examination, then candidates may of course make use of such materials, but only of such materials, and the general prohibition above continues to apply in respect of any and all other materials.

46 Where candidates are allowed to bring personal belongings into the examination venues upon condition that such belongings are stored in an area – such as the back of the venue – away from the area in which the candidates are sitting their examinations, then candidates may bring personal belongings into the hall, provided that they are placed in the indicated area and are not returned to by the candidates until they have finished their examinations and are leaving the hall.

47 Any breach of this regulation is regarded as a major offence for which a student may be expelled from the University (see §4 under CONDUCT AND COLLEGE REGULATIONS).

48 Students must not leave the hall before the time specified for the examination has elapsed, except by leave of the invigilator.

49 Examinations or other exercises which are part of continuous assessment are subject to the same rules as other College examinations. Where submitted work is part of a procedure of assessment, plagiarism is similarly regarded as a major offence and is liable to similar penalties (see §§82-91).

#### *Examination papers*

50 The annual examination papers set in each calendar year, with certain exceptions such as some multiple choice question examination papers, are available from the beginning of the following Hilary term on the College website at <https://www.tcd.ie/academicregistry/exams/past-papers/annual>.

*Access to scripts and discussion of performance*

- (i) All students have a right to discuss their examination and assessment performance with the appropriate members of staff as arranged for by the director of teaching and learning (undergraduate) or the head of department as appropriate. This right is basic to the educational process.
- (ii) Students are entitled to view their scripts when discussing their examinations and assessment performance.
- (iii) Students' examination performance cannot be discussed with them until after the publication of the examination results.
- (iv) To obtain access to the breakdown of results, a student or his/her tutor should make a request to the director of teaching and learning (undergraduate), course co-ordinator or appropriate member of staff.
- (v) Examination scripts are retained by schools and departments for thirteen months from the date of the meeting of the court of examiners which moderates the marks in question and may not be available for consultation after this time period.

*Re-check/re-mark of examination scripts*

- (i) Having received information about their results and having discussed these and their performance with the director of teaching and learning (undergraduate) or the head of department and/or the appropriate staff, students may ask that their results be reconsidered if they have reason to believe:
  - (a) that the grade is incorrect because of an error in calculation of results;
  - (b) that the examination paper specific to the student's course contained questions on subjects which were not part of the course prescribed for the examination; or
  - (c) that bias was shown by an examiner in marking the script.
- (ii) In the case of (a) above, the request should be made through the student's tutor to the director of teaching and learning (undergraduate) or course co-ordinator as appropriate.
- (iii) In the case of (b) and/or (c) above, the request should be made through the student's tutor to the Senior Lecturer. In submitting such a case for reconsideration of results, students should state under which of (b) and/or (c) the request is being made.<sup>4</sup>
- (iv) Once an examination result has been published it cannot be amended without the permission of the Senior Lecturer.
- (v) Requests for re-check or re-mark should be made as soon as possible after discussion of results and performance and no later than twelve months from the date of the meeting of the court of examiners which moderated the marks in question.
- (vi) Any student who makes a request for re-check or re-mark that could have implications for their degree result is advised not to proceed with degree conferral until the outcome of the request has been confirmed.

*Courts of First Appeal*

53 A student may appeal a decision of the court of examiners relating to academic progress to a Court of First Appeal.<sup>5</sup> Appeals should be made in writing by a student's tutor or, if the tutor is unwilling or unable to act, by the Senior Tutor or his/her nominee who shall be another tutor. Students may request a representative of the Students' Union to represent them as an alternative to their tutor or the Senior Tutor. Tutors or Students' Union representatives who are filing an appeal must use the procedural form, must indicate the precise grounds upon which the appeal is being made (see Academic Appeals Committee §54 below for applicable grounds) and what the appeal is attempting to achieve on the student's behalf, e.g. permission to repeat the year,

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<sup>4</sup>Details of the procedures relating to the re-check/re-mark of examination scripts are available on the College website at <https://www.tcd.ie/academicregistry/exams/results/recheck/>.

<sup>5</sup>Details of procedures relating to Courts of First Appeal are available on the College website at <https://www.tcd.ie/undergraduate-studies/academic-progress/appeals.php> and from relevant course offices.



special examination etc. The attention of those bringing an appeal is directed to the assistance offered by the school or course administrators and the undergraduate studies staff in Trinity Teaching and Learning in helping them to complete their records, provide copies of medical certificates and other appropriate documents. The Court of First Appeal shall not hear requests for re-checking/re-marking of examinations and assessments which should be processed according to the regulations as set out in §52 above. The recommendations of the Court of First Appeal are forwarded to the Senior Lecturer who may approve or reject or vary any such recommendations. As a consequence recommendations of a Court of First Appeal are not binding and shall not have a formal effect unless and until they have been considered and approved by the Senior Lecturer. In particular, pursuant to §37, the Senior Lecturer will approve a recommendation that a student be permitted to sit a special examination, outside of the annual and supplemental sessions, as set out in the *Calendar PART I - ALMANACK*, only in exceptional circumstances. (This power is exercised by the Senior Lecturer by delegation from the University Council, and the principles of delegation set out in Part 3 of the Introduction Chapter of the 2010 Statutes shall apply.) A student may appeal such decisions of the Senior Lecturer, whether approved or rejected or varied, to the Academic Appeals Committee.

#### *Academic Appeals Committee*

54 The Academic Appeals Committee meets to consider appeals arising out of examinations or other academic circumstances where a student case (i) is not adequately covered by the ordinary regulations of the College, or (ii) is based on a claim that the regulations of the College were not properly applied in the applicant's case, or (iii) represents an *ad misericordiam* appeal. An appeal other than an *ad misericordiam* appeal, cannot be made against the normal application of College academic regulations approved by the University Council. Decisions of the Academic Appeals Committee are forwarded to the University Council. Pursuant to §37, the Academic Appeals Committee will decide that a student be permitted to sit a special examination outside of the University annual and supplemental examination sessions, as set out in the *Calendar PART I - ALMANACK*, only in exceptional circumstances. (This power is exercised by the Academic Appeals Committee by delegation from the University Council, and the principles of delegation set out in Part 3 of the Introduction Chapter of the 2010 Statutes shall apply.) The Academic Appeals Committee will consider appeals concerning events occurring more than eighteen months previously only in the most exceptional circumstances. Appellants must have exhausted the appropriate appeals mechanism in the first instance through the relevant Court of First Appeal prior to coming before the Academic Appeals Committee. Appeals should be made in writing by a student's tutor or, if the tutor is unwilling or unable to act, by the Senior Tutor or his/her nominee who shall be another tutor. Students may request a representative of the Students' Union to represent them as an alternative to their tutor or the Senior Tutor. Tutors or Students' Union representatives who are filing an appeal must use the procedural form, must indicate the precise grounds upon which the appeal is being made and what the appeal is attempting to achieve on the student's behalf, e.g. permission to repeat the year, special examination etc. They should also ensure that appropriate and full information and evidence are included. This information must include all results achieved by the student to-date in mark format, and must indicate if course work has been completed. If possible, an attendance record should be provided. The attention of those bringing an appeal is directed to the assistance offered by the school or course administrators and the undergraduate studies staff in Trinity Teaching and Learning in helping them to complete their records, provide copies of medical certificates and other appropriate documents. Appeal forms not completed properly will not be considered by the committee.

The Senior Tutor acts as secretary to the Academic Appeals Committee and attends the committee as a non-voting member. The Senior Lecturer attends for the presentation of the case and may provide comment if required. In cases concerning clinical placements (and in particular where the student is considered to be an employee of the institution providing the placement) the committee will be joined by an appropriate professional, nominated by the chair of the Academic Appeals Committee, who shall be drawn from the discipline of the student.

Any student who has an appeal underway that could have implications for their degree result is advised not to proceed with degree conferral until the outcome of the appeal has been confirmed.

#### *Transfer of course*

55 Students may apply, through their tutor, to the Senior Lecturer for permission to transfer to another course. Transfer applications, which must be made using a standard form, should be submitted to the Academic Registry, who will process the applications on behalf of the Senior Lecturer. The form may be obtained by the student's tutor from the Senior Tutor's Office website at [http://www.tcd.ie/Senior\\_Tutor/forms](http://www.tcd.ie/Senior_Tutor/forms) or from the Academic Registry directly.

While every effort will be made to allow adequately qualified students to change course, it will not be possible to permit a transfer into a course which already has a full complement of students. Students who are being considered for a transfer to the first year of another course should register for the course to which they were admitted. In no case may students register for a course until their application to transfer has been formally approved by the Senior Lecturer.

56 The categories of transfer applicants are as follows:

- (i) Newly entered Junior Freshman students who in their first term seek to transfer into the Junior Freshman year of a different course.
- (ii) Continuing Junior Freshman students and non Junior Freshman students seeking to transfer into the Junior Freshman year of a different course.
- (iii) Continuing Junior Freshman students and non Junior Freshman students seeking to transfer into a year other than the Junior Freshman year of a different course.

Where a transfer results in the repetition of a year, students will not qualify for the fee remission scheme, see COLLEGE CHARGES, section II.

57 The specific procedures and timetables for each category are as follows:

(i) *Newly entered Junior Freshman students who in their first term seek to transfer into the Junior Freshman year of a different course.* A two-tiered system applies to transfer applicants in this category.

#### *First tier*

Students seeking to transfer should apply by the end of the third week of Michaelmas teaching term (16 October 2015). All such applications will be held until the closing date (except in the case of applications from students failing to satisfy the requirements for the course into which entry is sought). Decisions on applications received by the closing date will be made on the basis of the following criteria: (a) availability of places, (b) entry qualifications and (c) timetabling constraints.

Applicants will be notified of the result of their transfer request as soon as possible after the receipt of their application.

#### *Second tier*

At a second level, students in this category who have not applied by the earlier date may apply for transfer up to the end of the eighth week of Michaelmas teaching term (20 November 2015). These requests will be processed on a 'first come, first served' basis and students are eligible for only such course vacancies as still exist after the earlier transfer period.

Applicants will be assessed only on the basis of (i) their entry qualifications and (ii) timetabling constraints, and having met these conditions, (iii) approval by the relevant school(s) or department(s). Eligible applicants must consult with their tutor and the relevant school(s) or department(s) to determine the advisability of accepting a late transfer. In no case can acceptance of late transfer be cited by students as grounds for poor performance at examinations.

Applicants will be notified of the result of their transfer request as soon as possible after the receipt of their application.

(ii) *Continuing Junior Freshman students and non Junior Freshman students seeking to transfer into the Junior Freshman year of a different course.* Students in this category should apply before 1 August and will be assessed on the basis of their original entry qualifications. With the sole exception of mature students, College examination results will not be taken into consideration. Students who miss this cut-off date may apply in the same way as newly entered Junior Freshman students (see category (i) above), i.e. by the end of the second and eighth weeks of Michaelmas teaching term.

(iii) *Continuing Junior Freshman students and non Junior Freshman students seeking to transfer into a year other than the Junior Freshman year of a different course.* Students in this category should apply no later than the end of the fifth week of Michaelmas teaching term (30 October 2015), and will be assessed, after consultation with the school(s) or department(s) concerned, on the basis of the total qualifications presented, i.e. original entry qualifications and results of College examinations.

In categories (i) (first tier) and (ii) above, schools and departments will be consulted by the Academic Registry only in the case of mature students. Schools and departments must not enter into individual arrangements with transfer applicants. Transfers will not be permitted at a level lower than the cut-off point at which admissions were originally made.

#### *Academic progress*

58 In order to rise with their class, students must obtain credit for the academic year by satisfactory attendance at lectures and tutorials, by carrying out the required course work, and by successful completion of examinations. The end of year or degree result moderated by the court of examiners must be returned and recorded on the student record.

59 Under certain conditions approved by the University Council, on the recommendation of the Senior Lecturer in consultation with the appropriate head(s) of school(s), director(s) of undergraduate teaching and learning, head(s) of department(s) or course director, the University regards attendance at courses and the passing of approved examinations in other colleges as fulfilling or partially fulfilling the exercises required for certain degrees of the University. Where places are available students may be permitted to abridge their course, if they are deemed qualified by their knowledge and attainment to do so, or by passing specified examinations. Applicants must pay a fee before presenting themselves for examination (see COLLEGE CHARGES). Applications for permission to abridge any course should be made through the Academic Registry in the first instance.

60 Subject to the specific regulations concerning repetition of year in each course, students who fail to satisfy the requirements of their year may be permitted to repeat the year. Permission to repeat the year will normally be granted only to students who are considered to have made a serious attempt at their examinations, or who have been able to provide the Senior Lecturer with acceptable reasons for absence from examinations. In accordance with the terms of the fee remission scheme, students repeating the year will not be eligible for fee remission and will be liable for full fees.

61 The Board of the College reserves the right to exclude from the College, on the recommendation of the University Council, students whose academic progress is unsatisfactory.

62 Students may not repeat any academic year more than once within a degree course and may not repeat more than two academic years within a degree course, except by special permission of the University Council.

63 Students must pursue their undergraduate course continuously unless they are permitted by the Senior Lecturer to interrupt it, normally for a period of one year, either by going 'off-books' or by interrupting their studies for extra-curricular reasons.

64 Students wishing to interrupt their course and go 'off-books' should apply through their tutor to the Senior Lecturer. Such permission will only be granted to students who have completed the academic exercises of their class, i.e. are already entitled to join the class above on their return to

College. In exceptional circumstances the Senior Lecturer, after consultation with the head(s) of school(s) or department(s) or course director as appropriate, may permit students who are not in good standing to go 'off-books', where to do so in the judgement of the Senior Lecturer is in the best interests of the students. During the period of interruption students are not required to keep their names on the College books, and do not pay an annual fee or a replacement fee. Junior Freshman students who seek to discontinue their course before 1 February will normally be required to withdraw (see §69 below).

65 Students who have been permitted to go off the books may return to College as detailed below, depending on the circumstance of their going off the books.

- (a) Junior Freshman students with permission from the Senior Lecturer to go off the books after 1 February and be re-admitted to the same course of study at a specified date must apply for re-admission before 1 August by completing a special application form, obtainable from the Study at Trinity website at <https://www.tcd.ie/study/eu/undergraduate/apply/readmission> or from the Academic Registry directly.
- (b) Students who for reasons of ill-health have allowed their names to go off the books can only be re-admitted, even in the current academic year, at the discretion of the Senior Lecturer. Such students will be required to submit to the Senior Lecturer before 1 August a certificate of fitness from a medical referee, nominated by the Senior Lecturer, as evidence that they can continue their studies.
- (c) Students with permission from the Senior Lecturer to go off the books for an academic year and sit examinations in that year must pay an examination fee of €382. Off-books students with permission to take examinations are advised to consult with their school, department or course office before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books. Such students are not required to apply for re-admission and should register for the following academic year as set out in the general regulations concerning registration.
- (d) Students with permission from the Senior Lecturer to go off the books for one or more academic year(s) for reasons other than medical are not required to apply for re-admission and are expected to register for the academic year that they are due to return to College as set out in the general regulations concerning registration.

66 A requirement to undertake a period of professional re-orientation may apply in the case of certain undergraduate courses which have clinical or practice components and which are subject to accreditation by external professional bodies. Students who have been off-books, with the permission of the Senior Lecturer, may be required to complete a course of professional re-orientation before proceeding to the next year of their course. Such professional re-orientation courses may not be repeated in the event of non-satisfactory completion, and the student will be required to withdraw from their course.

Students must register for the academic year and pay a professional re-orientation fee but will not be liable for the student contribution and related levies.

67 Arrangements for the intermission of studies for extra-curricular reasons are governed by the regulations below.

- (a) Applications from students to intermit studies for extra-curricular reasons shall be submitted to the Dean of Students by the end of Trinity term of the academic year preceding the proposed year of intermission. The application must be accompanied by a letter of support from the relevant director of undergraduate teaching and learning.
- (b) An applicant must be a registered student in good academic standing, not subject to any disciplinary process, and must have discharged any financial obligation to College.
- (c) Applications shall be reviewed by a panel which will forward its recommendations to the Senior Lecturer for final decision.
- (d) In making its recommendation, the panel shall, in particular, have regard to the applicant's proposed work plan and whether he/she could achieve this work plan if he/she was not permitted to intermit studies for the year.

- (e) A student who is permitted to intermit studies shall be entitled to be issued with a student card and to retain his/her e-mail account on condition that he/she signs a bond whereby he/she agrees to pay any financial debts incurred to College and to be bound by College's conduct and regulations, see section III below (CONDUCT AND COLLEGE REGULATIONS).
- (f) Students permitted to intermit their studies for extra curricular reasons are not required to apply for re-admission and are expected to register for the academic year that they are due to return to College as set out in the general regulations concerning registration.

68 Should a student become pregnant, whilst under no obligation to disclose her pregnancy, she is strongly advised to contact her academic department or school at the earliest opportunity to discuss reasonable flexible arrangements, as appropriate, and, depending on the course of study, any health and safety considerations. Information and guidance are also available from tutors and the Students' Union. Where necessary, the Senior Lecturer may grant permission for a range of measures to support the student, as provided for in the general regulations.

69 E.U. Junior Freshman students who withdraw from College before 1 February (having been admitted the previous September) must re-apply through the C.A.O. for admission in a subsequent year. Non-E.U. Junior Freshman students withdrawing before 1 February must re-apply through the Academic Registry. E.U. or non-E.U. students who withdraw from College after 1 February may apply for re-admission through the Academic Registry by 1 August of the proposed year of entry.

#### *ERASMUS and study abroad*

70 To facilitate student mobility, students may be permitted to satisfy the requirements of their year, in whole or in part, by study abroad under an approved ERASMUS exchange or other exchange programme approved by the Vice-President for Global Relations with the assessment at the host university counting as part of the student's academic record in College. The maximum period for such study is one academic year and the minimum period is three months. Arrangements governing specific exchange programmes are made by the school, department or course office concerned, subject to the following regulations of the University Council:

- (a) work examined abroad will not be examined in Trinity College;
- (b) students studying abroad will not be expected to be examined in work taught in Trinity College during their absence; candidates for moderatorship in modern languages may however be required to submit to assessment in language competence;
- (c) students studying abroad for a full academic year must obtain not less than 45 ECTS credits, or equivalent, from the host university in order to rise with their year;
- (d) study abroad in the Senior Sophister/final degree year should not extend beyond Michaelmas term of that year;<sup>6</sup>
- (e) assessment of modules taken in the overseas university should be weighted in the calculation of the final degree result as if the modules had been taken in this university.

71 Students who achieve a first class honors grade in their overall results on an ERASMUS year abroad may be awarded a book prize (value under review). These prizes are not awarded in the Senior Sophister or final year.

These prizes, which are issued in the form of vouchers, can be exchanged by the student at designated booksellers. Book prizes may be collected from the Academic Registry by the award holder in person.

72 Students who, with the approval of their school(s) and department(s) and while remaining 'on books', spend a year or part-year of study at an ERASMUS partner university, continue to be liable to pay to College the full annual fee for their course, at E.U. or non-E.U. rates according to

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<sup>6</sup>Students who study abroad for their Junior Sophister year under these regulations may nevertheless be eligible for the award of an ordinary B.A. on successful completion of that year according to the specific regulations for their course.

their status at the point of admission to College. No fees are payable by students to the partner institution.

73 Students who, with the approval of their school(s) or department(s) and while remaining 'on books', spend a year of study at a foreign university with which there is a formal exchange agreement, must register at Trinity College in the normal way and shall continue to be liable to pay full annual fees to the College.<sup>7</sup> Where a student is also required to pay fees at the foreign university, the College will reimburse the student up to a maximum of half the tuition fees paid to Trinity College. The College has made special provision for students following approved programmes at Russian universities whereby the College will reimburse the student for (E.U.) fees paid at the foreign university up to a maximum of the annual fee paid to Trinity College less the student contribution and the student Sports Centre charge. In the case of students participating in the Ecole des Hautes Etudes Commerciales (H.E.C.) programme Trinity College will transfer to the foreign university a maximum of the annual (E.U.) fee less the student contribution and the student Sports Centre charge. Students participating in an exchange approved by the Irish National Agency are eligible for a grant to offset some of the travel and living costs.

74 The University of Dublin has an agreement of co-operation with the Universities of Edinburgh, Strathclyde and Aberdeen and the Queen's University, Belfast. The academic disciplines involved include Irish history, Scottish history, Anglo-Irish and Scots literature, Irish and Gaelic languages and literature.

The agreement provides for collaboration in relation to both staff and student activities.

75 Students in good academic standing who, with the approval of their school(s) or department(s), wish to study abroad at an institution with which Trinity College has not entered into an agreement providing for student mobility, may apply through their tutor to the Senior Lecturer for permission to go off the books, normally for a period of one year.

#### *Notice required for conferring degrees at Commencements*

76 Degrees are publicly conferred under a student's registered name within degree class by the Chancellor, or a Pro-Chancellor in the Senate or Congregation of the University, at the ceremony known as Commencements. Candidates for a particular Commencements must give notice on the prescribed form which is issued to the undergraduate graduating class by e-mail and is also available for download at <https://www.tcd.ie/academicregistry/graduation/application>. The form must be returned so as to reach the Academic Registry not later than the specified closing date for a Commencements session. A Commencements fee of €135 must accompany the application form. Conditional notice may be lodged at any time but must be confirmed fourteen days prior to the ceremony. Primary degree results must be published at least fourteen days prior to the first date of the Commencements ceremonies. From the 2012-13 academic year the Commencements fee will be charged as a once-off payment to be levied at the same time as the tuition fee. The Commencements fee will be fully refundable to all students who become ineligible to proceed with conferral. Any student who has an appeal underway that could have implications for their degree result is advised not to proceed with degree conferral until the outcome of the appeal has been confirmed. Also see <https://www.tcd.ie/academicregistry/fees-payments/> for information concerning unpaid charges.

#### *Diploma and certificate award ceremonies*

77 Those who have successfully completed a diploma or certificate course are awarded the qualification at the next available award ceremony for that course. All such candidates are written to by the Academic Registry inviting them to attend the ceremony. Those that cannot attend shall

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<sup>7</sup>Where students are eligible for the free fees initiative or qualify for a higher education grant they will not be required to pay the tuition fee element of the amount due to the College as this will be claimed on their behalf from the Higher Education Authority or local authority or SUSI as appropriate.

have the qualification awarded *in absentia*. All candidates are presented for the award under a student's registered name within class, where appropriate. Also see <https://www.tcd.ie/academic/registry/fees-payments/> for information concerning unpaid charges.

### *Library*

78 Readers, including all undergraduates, are admitted to the Library reading rooms on production of a current Identity Card and are required to observe the terms of the Library declaration and the general Library regulations.

The Library declaration is:

'Ego,...., solemniter promitto, me, quoties in Bibliothecam hujus Collegii venire contigerit, libros ceteramque Bibliothecae supellectilem sic tractaturum, ut superesse quam diutissime possint. Promitto etiam quod neque ipse librum aliquem asportabo, sponte corrumpam, interscribam, aut alio quovis modo abutar, nec ab aliis haec fieri (quantum in me est) permittam. Quae omnia et singula, et omnia Bibliothecae statuta (quantum ad me attinet), me fideliter observaturum promitto, et spondeo.'

The following is a translation of the declaration:

'I,...., do solemnly promise that, whenever I enter the Library, I will treat the books and other furniture of the Library in such fashion that they may last as long as possible. I further promise that neither will I myself take away any book nor designedly damage or write in or badly treat in any way whatever any book, nor so far as in me lies will I suffer such things to be done by others. All and each of which things and all the Statutes of the Library, in as far as they concern me, I promise and vow faithfully to observe.'

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### *Library regulations*

- (a) It is a breach of the Library regulations to attempt to enter any Library building by use of another reader's Identity Card. Readers must show their Identity Card or Library Card on request to any member of the Library staff when within the Library.
- (b) Readers before leaving Library buildings must present all books, bags and briefcases to the guards for inspection. No Library book may be taken out of a Library building except a book the loan of which is permitted and which has been recorded by the Library staff as being on loan to the reader.
- (c) Mutilation or defacement of any book or article of Library property is regarded as a major offence.
- (d) Readers may not use bottles of ink or correction fluid in the Library, nor may such substances be left on desks or in reading rooms.
- (e) Silence must be observed as far as possible in all parts of the Library. The use, in a manner causing noise or disturbance, of electrical equipment such as computers, mobile phones, personal stereos, or radios is prohibited. Except in respect of computers in specifically designated areas, the Library does not make power outlets available for such electrical equipment. Users of computers in the Library are reminded that they must also comply with the College's IT and network code of conduct and other regulations for the time being in force.
- (f) Smoking and the consumption of food and drink are forbidden in all parts of the Library open to readers, and no items of food or drink may be left on desks or in reading rooms.
- (g) Readers are not allowed to bring visitors into the reading rooms.
- (h) Readers are not permitted to reserve seats by leaving their belongings or books on seats and desks. The Library staff may move any property left at unoccupied desks or seats for more than 15 minutes except for officially reserved seats and carrels.
- (i) Readers are at all times responsible for their own property.
- (j) Readers are required to comply with the provisions of the Copyright and Related Rights Acts, 2000 to 2007 when making photocopies from material which enjoys copyright protection. Failure to comply may expose the person to potential civil liability and, in the

case of a student or staff member of College, to College disciplinary procedures. The attention of readers is drawn to the notices on display beside all photocopying machines in the Library.

- (k) Under Decree No. 1 of 2012, amending the Consolidated Statutes, Trinity College and the University of Dublin, has bound the Library to comply with the conditions of the Legal Deposit Libraries Act, 2003 [UK] and The Legal Deposit Libraries (Non-Print Works) Regulations 2013 [UK]. Readers are required to comply with the provisions of this legislation.

#### *Sanctions for breach of Library regulations*

80 Breach of the Library regulations will result in sanction by the Librarian, the Junior Dean or the Committee on Student Conduct and Capacity, as appropriate. Appeal against a Library penalty or decision of the Junior Dean is to the Committee on Student Conduct and Capacity. The Librarian operates a system of penalties (as approved from time to time by the Board) for breaches of the Library regulations. Penalties may include fines, administrative and other charges, ejection and temporary or permanent exclusion from the Library and/or the College and/or the University, and the confiscation of any personal property brought into or used within the Library in breach of Library and/or any other applicable College regulations. The Library shall not be responsible, in any way whatsoever, for any property so confiscated.

Senior Sophisters and other final year students who have passed their final examinations are required to return all books to the Library within one month following their examinations. The Library will return records of books and fines outstanding to the Academic Registry, for the purpose of alerting students to their obligation to clear their Library records so that they may proceed to Commencements. See <https://www.tcd.ie/academicregistry/fees-payments/> for information concerning unpaid charges.

#### *Student charter*

81 The Board of the College has approved a student charter setting out the College's intentions in regard to expectations of students as members of the academic and general community. This charter may be viewed on the College website at <http://www.tcd.ie/about/policies/>.

#### *Plagiarism*

##### *82 General*

It is clearly understood that all members of the academic community use and build on the work and ideas of others. It is commonly accepted also, however, that we build on the work and ideas of others in an open and explicit manner, and with due acknowledgement.

Plagiarism is the act of presenting the work or ideas of others as one's own, without due acknowledgement.

Plagiarism can arise from deliberate actions and also through careless thinking and/or methodology. The offence lies not in the attitude or intention of the perpetrator, but in the action and in its consequences.

It is the responsibility of the author of any work to ensure that he/she does not commit plagiarism.

Plagiarism is considered to be academically fraudulent, and an offence against academic integrity that is subject to the disciplinary procedures of the University.

##### *83 Examples of Plagiarism*

Plagiarism can arise from actions such as:

- (a) copying another student's work;
- (b) enlisting another person or persons to complete an assignment on the student's behalf;
- (c) procuring, whether with payment or otherwise, the work or ideas of another;



- (d) quoting directly, without acknowledgement, from books, articles or other sources, either in printed, recorded or electronic format, including websites and social media;
- (e) paraphrasing, without acknowledgement, the writings of other authors.

Examples (d) and (e) in particular can arise through careless thinking and/or methodology where students:

- (i) fail to distinguish between their own ideas and those of others;
- (ii) fail to take proper notes during preliminary research and therefore lose track of the sources from which the notes were drawn;
- (iii) fail to distinguish between information which needs no acknowledgement because it is firmly in the public domain, and information which might be widely known, but which nevertheless requires some sort of acknowledgement;
- (iv) come across a distinctive methodology or idea and fail to record its source.

All the above serve only as examples and are not exhaustive.

#### 84 *Plagiarism in the context of group work*

Students should normally submit work done in co-operation with other students only when it is done with the full knowledge and permission of the lecturer concerned. Without this, submitting work which is the product of collusion with other students may be considered to be plagiarism.

When work is submitted as the result of a group project, it is the responsibility of all students in the group to ensure, so far as is possible, that no work submitted by the group is plagiarised.

#### 85 *Self plagiarism*

No work can normally be submitted for more than one assessment for credit. Resubmitting the same work for more than one assessment for credit is normally considered self-plagiarism.

#### 86 *Avoiding plagiarism*

Students should ensure the integrity of their work by seeking advice from their lecturers, tutor or supervisor on avoiding plagiarism. All schools and departments must include, in their handbooks or other literature given to students, guidelines on the appropriate methodology for the kind of work that students will be expected to undertake. In addition, a general set of guidelines for students on avoiding plagiarism is available on <http://tcd-ie.libguides.com/plagiarism>.

87 If plagiarism as referred to in §82 above is suspected, in the first instance, the Director of Teaching and Learning (Undergraduate), or their designate, will write to the student, and the student's tutor advising them of the concerns raised. The student and tutor (as an alternative to the tutor, students may nominate a representative from the Students' Union) will be invited to attend an informal meeting with the Director of Teaching and Learning (Undergraduate), or their designate, and the lecturer concerned, in order to put their suspicions to the student and give the student the opportunity to respond. The student will be requested to respond in writing stating his/her agreement to attend such a meeting and confirming on which of the suggested dates and times it will be possible for them to attend. If the student does not in this manner agree to attend such a meeting, the Director of Teaching and Learning (Undergraduate), or designate, may refer the case directly to the Junior Dean, who will interview the student and may implement the procedures as referred to under CONDUCT AND COLLEGE REGULATIONS §2.

88 If the Director of Teaching and Learning (Undergraduate), or designate, forms the view that plagiarism has taken place, he/she must decide if the offence can be dealt with under the summary procedure set out below. In order for this summary procedure to be followed, all parties attending the informal meeting as noted in §87 above must state their agreement in writing to the Director of Teaching and Learning (Undergraduate), or designate. If the facts of the case are in dispute, or if the Director of Teaching and Learning (Undergraduate), or designate, feels that the penalties provided for under the summary procedure below are inappropriate given the circumstances of the case, he/she will refer the case directly to the Junior Dean, who will interview the student and may implement the procedures as referred to under CONDUCT AND COLLEGE REGULATIONS §2.

89 If the offence can be dealt with under the summary procedure, the Director of Teaching and Learning (Undergraduate), or designate, will recommend one of the following penalties:

- (a) Level 1: Student receives an informal verbal warning. The piece of work in question is inadmissible. The student is required to rephrase and correctly reference all plagiarised elements. Other content should not be altered. The resubmitted work will be assessed and marked without penalty;
- (b) Level 2: Student receives a formal written warning. The piece of work in question is inadmissible. The student is required to rephrase and correctly reference all plagiarised elements. Other content should not be altered. The resubmitted work will receive a reduced or capped mark depending on the seriousness/extent of plagiarism;
- (c) Level 3: Student receives a formal written warning. The piece of work in question is inadmissible. There is no opportunity for resubmission.

90 Provided that the appropriate procedure has been followed and all parties in §87 above are in agreement with the proposed penalty, the Director of Teaching and Learning (Undergraduate) should in the case of a Level 1 offence, inform the course director and where appropriate the course office. In the case of a Level 2 or Level 3 offence, the Senior Lecturer must be notified and requested to approve the recommended penalty. The Senior Lecturer will inform the Junior Dean accordingly. The Junior Dean may nevertheless implement the procedures as referred to under CONDUCT AND COLLEGE REGULATIONS §2.

91 If the case cannot normally be dealt with under the summary procedures, it is deemed to be a Level 4 offence and will be referred directly to the Junior Dean. Nothing provided for under the summary procedure diminishes or prejudices the disciplinary powers of the Junior Dean under the 2010 Consolidated Statutes.

### *III CONDUCT AND COLLEGE REGULATIONS*

1 All students are required to observe, in addition to the laws of the State, the regulations laid down by the Board of the College from time to time. Disciplinary offences therefore include breaches or attempted breaches of the criminal law and of College regulations, whether committed inside or outside the College, including but not limited to

- (a) activity which brings the College into disrepute,
- (b) misconduct in relation to examinations, libraries, and the use of other College facilities, services, and accommodation,
- (c) disruption of the normal operation of activities within the College, and
- (d) harassment or misbehaviour on College property or in dealings with others.

However, this does not preclude the legitimate right of students to assemble and express grievances.

2 The Junior Dean shall maintain discipline and good order among the students, and enquire into and otherwise deal with the alleged commission of a disciplinary offence by a student. The relevant procedures and penalties are set out in the College Statutes; they are available on the College website or from the Registrar's Office, but a non-binding summary is provided below. At all stages of the disciplinary process, students are entitled to representation by their tutor, by the Students' Unions, or by any other person of their choice.

3 The Junior Dean (or a person exercising the powers of the Junior Dean, e.g. the Warden of Trinity Hall, the Librarian or the Director of IT Services) will usually interview a student suspected of having committed a disciplinary offence. If it relates to a minor offence, the Junior Dean can deal with the matter quickly (summarily), and the decision can be appealed to the Committee on Student Conduct and Capacity. If it relates to a major offence, the Junior Dean can deal with the matter summarily only if the student agrees; otherwise the matter is heard by the Committee on Student Conduct and Capacity.

4 It shall be for the Junior Dean in the first instance to decide whether an offence is major, but he or she shall have regard to factors such as the potential for criminal or professional misconduct proceedings arising out of the offence, the impact of the offence on others, the disruption of the normal functioning of the College and/or its facilities and/or members, plagiarism, falsification or serious misuse of official College or University documents or false pretences in connection with academic attainments, or refusal to comply with any final penalty. Without prejudice to the general power of the Junior Dean to decide whether an alleged offence is major or minor, the following examples would normally be regarded as major offences:

- (a) Conduct which does, or is liable to cause, violence to person or damage to property.
- (b) Conduct which does, or is liable to obstruct, the holding of, or frustrates the purpose in holding, any lecture, class or other instruction given by the College or any laboratory work or any research in the College, or any meeting, hearing or other function (including administrative and sporting activities) authorised to take place within the College.
- (c) Seriously interfering with, or unreasonably impeding members of the College in carrying out their duties.
- (d) Theft, fraud or misapplication in connection with funds or property of any kind in College.
- (e) Offences in connection with degrees or diplomas or annual examinations or tests conducted by the College.
- (f) Falsification or serious misuse of University records, including degree or diploma parchments.
- (g) False pretences or personation of others, within or without the College, in connection with academic attainments or financial awards.
- (h) Refusal or failure to pay a fine or comply with any penalty (subject to any right of appeal applicable) imposed by the Junior Dean or Librarian.
- (i) Refusal to produce a College I.D. card or other acceptable means of identification at the request of the Senior Dean, Junior Dean or any of his/her assistants or any College security officer. (Other members of the College have the right to call for identification of any person found in areas properly under their control.)
- (j) Failure to comply with any reasonable instruction of a fire warden.
- (k) All forms of bullying and harassment, including sexual and racial harassment, in all College locations and situations where students are participating in formal College activities or are representing the College or are present at events, social or otherwise, organised in association with the College.
- (l) Misuse of e-mail, computer facilities, or any aspects of College communications networks.
- (m) Dishonesty in relation to academic work.
- (n) Any action by a student on a professional course which would constitute professional misconduct.
- (o) Actions of students responsible for, or contributing to, the activities of student publications and/or student societies and/or sports clubs which may be injurious to the health, safety and welfare of any person.

5 The Committee on Student Conduct and Capacity consists of members of the academic staff and of the technical, administrative and support staff, and students; and it hears appeals from decisions of the Junior Dean as well as matters referred to it.

6 There may also be a Panel of Enquiry. It can hear appeals from decisions of the Committee on Student Conduct and Capacity, or conduct initial hearings into the most serious offences.

#### *Not in good standing*

7 A student may be deemed to be 'not in good standing' with the College as a result of disciplinary sanctions arising out of decisions of the Junior Dean, the Committee on Student Conduct and Capacity or the Panel of Enquiry under the College Statutes. Students who are not in good standing for disciplinary reasons cannot proceed to graduation and cannot be re-admitted to College.

### *Recording of lectures*

8 Students may not make audio or visual recordings of lectures without the express consent of the individual lecturer. Students with disabilities may be permitted to record lectures if it is deemed a reasonable accommodation by the Disability Service. Students will be advised that all recordings remain the property of College and are for personal use only. See also DATA PROTECTION (section VIII) and COPYRIGHT (section IX).

### *Misconduct and noise in rooms*

9 All occupants of rooms in College will be held responsible for any misconduct in the rooms under their control. This will include the making of noise deemed to be excessive.

### *Posters and notices*

10 (a) Only recognised societies and clubs, the Students' Unions, College publications and other bona fide College organisations may advertise in College. It is the responsibility of all the officers and staff of the capitated bodies and of all the committee members of all societies, clubs, publications and other bona fide College organisations to be aware of the regulations and guidelines covering poster and advertising material in College.

(b) In the interest of creating an inclusive and safe College environment care should be taken to ensure that any images or content comply with the College dignity and respect policy and do not create an offensive or hostile environment for an individual or group in College, particularly in relation to any of the nine protected equality grounds. Attention is drawn to the relevant legislation, the Equal Status Act (2000-2010), the Employment Equality Act (1998-2010) and the Prohibition of Incitement to Hatred Act (1989). It is the College's policy to protect freedom of expression and intellectual enquiry and to ensure that they are exercised in such a way as to not interfere with the rights of others, or breach the laws of the State.

(c) Posters advertising specific events organised by recognised societies and clubs, the Students' Unions, College publications and other bona fide College organisations should not identify, explicitly or implicitly access to free or cheap alcohol as a primary incentive to attendance. Posters produced by or on behalf of these aforementioned bodies should not display alcoholic beverages or products either specifically or generically.

(d) Notices may not exceed 42 x 29.7 cm (A3) and must be placed on the student noticeboards provided. Chalked notices, stickers and (except in special cases with the permission of the Junior Dean) unattended free standing notices are forbidden. Not more than one copy of a notice may be displayed on the same board or within 15 m of a similar notice. Advertisements for a particular event must be removed not later than 48 hours after the event. All notices must identify their origin. Posters and notices advertising events or activities in College may not be fixed to the walls of buildings, lamp posts, litter bins or benches.

### *Sale or distribution of printed matter*

11 (a) Printed matter may be sold or distributed by members of the College provided that it is either a recognised student newspaper or material issued by the Students' Unions or material issued by an authorised society or club of the College including tickets for any function organised by those societies.

(b) Provided that no obstruction or unnecessary noise is caused, such printed matter may be sold or distributed in all the open areas of College and within and approaching the Front Gate precinct, at the Pearse Street and Lincoln Place Gates, in the hallways of the Museum and Chemistry Buildings, in the Buttery foyer, in the concourses of the Arts and Social Sciences Building, the Hamilton Building and the Smurfit and Panoz Institutes and outside the entrances to the catering areas. Printed matter may be sold but not distributed *gratis* in any of the catering areas except the Buttery foyer. All printed matter must identify its origin, and in the case of a student newspaper, its editor.

(c) Notwithstanding 11 (a) and (b) above promotional material in the form of flyers or leaflets may not be freely distributed by the Students' Unions or by any authorised society or club of the

College with the exception of the period of Freshers' Week and the respective election campaign periods of the Students' Union and the Graduate Students' Union. At all other times promotional material in the form of flyers or leaflets must be confined to the stands available to Students' Unions and all authorised societies and clubs of the College, in the concourses of the Arts and Social Sciences Building, the Hamilton Building and the Smurfit and Panoz Institutes. It is absolutely prohibited to distribute promotional material on campus on behalf of external outlets.

(d) It is forbidden to leave printed matter such as student newspapers or magazines in bundles in any external area of College.

#### *Erection of stalls in College*

12 Stalls may **NOT** be erected in College except in the foyer of the Arts and Social Sciences Building and the Hamilton Building by arrangement with the Head of Facilities Attendant Services and the Senior Dean.

No society, club or person may normally have a stall more than one day per week.

#### *Banners*

13 Banners may only be erected with the approval of the Senior Dean, and in accordance with the Banners Protocol, at the following locations: the Arts and Social Sciences Building ramp (north) and the North East Gate (viaduct, Pearse Street). Banners may not be erected at Front Gate. The Protocol is circulated each September by the College Secretary's Office.

#### *Collecting boxes*

14 Collecting boxes can only be used with the prior permission of the Senior Dean.

#### *Sale of goods*

15 The sale or distribution of goods other than printed matter is not allowed in the open within the College precincts.

#### *Booking of rooms for events*

16 Individuals or groups wishing to hold events on College property (indoor or outdoor) on or off the main campus are required to make an application, normally five working days in advance, at the Enquiries Office. Permission to host such events is sought from the Junior Dean. Permission to hold an event likely to give rise to a need for additional security must be sought from the Junior Dean two weeks in advance, through the Enquiries Office, and the cost of extra security and other special arrangements must be borne by the organisers. The cost of any damage caused as a result of such an event will also be charged to the organisers, who may be required to lodge a deposit beforehand. Failure to apply in time for permission to hold an event, the plans for which turn out to require special security, will be grounds for refusing permission for that event.

Bookings for meetings in the O'Reilly Institute must be made in advance with the Director of the Office of Trinity Research & Innovation.

#### *Access to buildings*

17 Those sitting on the steps of public buildings must allow free access to the building by leaving an unobstructed pathway to the door. On the Dining Hall steps painted lines indicate the area to be kept free. Sunbathing is permitted only in College Park.

#### *Universal access pathways*

18 The universal access pathways in the cobbled areas in College are primarily intended to accommodate pedestrians, particularly those with disabilities. Vehicles are prohibited from parking on these pathways and cyclists must give way to pedestrians using the pathways. Impeding access to or on the pathways through the positioning of vehicles or fixtures (such as signs) is also prohibited.

### *Outdoor eating*

19 Food and drink may **NOT** be consumed out of doors except in the College Park. Alcoholic drink may not be consumed out of doors.

### *Walking on lawns*

20 No persons are permitted to walk on the lawns, or to cross the playing fields unless they are participating in games or in training authorised by D.U.C.A.C.

### *Skateboarding*

21 'Skateboarding' and 'roller blading' are prohibited on campus for reasons related to safety and noise reduction. Individuals who use skateboards and roller blades off campus are required when, transporting these items on campus, to carry them in a bag or haversack. Carrying skateboards or roller blades openly on campus may result in an individual being challenged by the security staff.

### *Amplifying equipment*

22 Radios, loudspeakers and other amplifying equipment may **NOT** be used in public areas within the College precincts without the permission of the Junior Dean. Permission for the use of megaphones must be sought at least twenty-four hours prior to the event. This will normally be granted only to the officers of the Students' Union.

### *Traffic regulations*

23 Persons who drive cars or motor-cycles must acquaint themselves with the current traffic regulations, which are strictly enforced. The Director of Buildings is responsible for these regulations.

### *Bicycles*

24 Bicycles may not be parked on the centre walk in Parliament Square. It is forbidden to park bicycles in hallways, staircases, or landings of houses. Bicycles must not be ridden either through the Front Gate, the Arts Building entrance or the new entrance at Pearse Street East. Bicycles must be parked in the bicycle racks provided.

### *Derelict vehicles*

25 Any derelict or unlicensed motor-car, motor-cycle or bicycle will be removed by the College authorities after fourteen days' notice has been placed thereon.

### *Concerts, dances and parties*

26 The Students' Union and any College society or club planning to hold a concert or gig in College must apply for permission to do so at least eight days in advance of the function. Permission is granted by the Junior Dean, to whom written application should be made through the Enquiries Office. Societies or clubs wishing to hold dances outside the College must apply to the Senior Dean at least three weeks before the proposed date.

Permission to hold a party in College must be obtained from the Junior Dean at least five working days in advance. Application form available from the Junior Dean's website at [https://www.tcd.ie/Junior\\_Dean/events/booking.php](https://www.tcd.ie/Junior_Dean/events/booking.php).

### *Pets*

27 No animal, fish, bird or other livestock may be kept in College residences (except for guide dogs) without the prior consent, in writing, of the Registrar of Chambers.

### *Activities outside College*

28 The Junior Dean must be consulted in advance if College organisations propose to arrange parades, collections, demonstrations or any other activities of this kind, using the name of Trinity

College. Approval is given on the understanding that relevant by-laws are understood and will be observed. Notice to the appropriate public authorities, where required, should be arranged well in advance. Individual students participating in any activity outside College remain subject to the general regulation that students' conduct shall not bring the College into disrepute.

#### *Outside activities in College*

29 As there is no general right for members of the public to enter the College precincts, the Junior Dean must be consulted fourteen clear days in advance if any individuals or groups within College propose to participate with individuals or organisations from outside College in holding parades, demonstrations, meetings or other activities of this kind in the open within the College precincts.

Approval for such activities may be given on conditions which include the observance of the relevant College by-laws by those attending or organising the activity. Such approval may be withdrawn at any time by the Junior Dean, or those acting under his/her authority, in the event of a breach of any condition of such approval.

#### *Gowns*

30 Students are entitled to wear gowns appropriate to their standing within the College precincts. They are required to do so when attending Commencements.

#### *Sports clothing*

31 Appropriate sports clothing must be worn while playing games or training in College Park.

#### *Roofs and attics*

32 College roofs and attic spaces are out of bounds.

#### *Waste management and recycling*

33 It is a College offence to deposit litter or other waste in any location within the College perimeter other than in the designated litter bins or other waste disposal units provided on campus. It is also an offence to use College waste management or recycling facilities to dispose of personal, domestic waste of any kind – whether recyclable or not. All staff and students are requested to co-operate and support the College waste management and recycling policy by reducing the volumes of waste produced on campus, re-using products and using the facilities provided to segregate waste at source to facilitate recycling.

#### *Residential Campus*

34 Students and academic staff occupy rooms in a number of locations across the Campus. Out of consideration for the residents living on Campus, events and activities which are liable to generate noise and disruption must be scheduled between the hours of 08:00 hrs and 22:00 hrs. Where an event or activity likely to cause disruption to residents is planned for the period before 08:00 hrs or after 22:00 hrs specific approval must be requested from the Junior Dean in the case of student activity, and the Chief Operating Officer in all other circumstances.

Persons entering and leaving Campus before 08:00 hrs and after 22:00 hrs and those using the Campus between those hours are requested to respect the residential nature of the Campus.

Activities associated with an emergency on Campus and exempt from these restrictions.

#### *IV RESIDENCE — GENERAL*

1 The following types of accommodation are provided by the College:

- (a) rooms in College;
- (b) rooms in Trinity Hall, about 4 km (2½ miles) from the College.

Residence in College is arranged by the Provost through the Registrar of Chambers for whom

administrative services are provided at and through the Accommodation Office. Residence at Trinity Hall is arranged by the Provost through the Warden of Trinity Hall for whom administrative services are provided at and through the office at Trinity Hall. Rules governing students in residence are obtainable from the offices concerned.

2 Students looking for other accommodation are advised to contact the Students' Union who will provide advice on accommodation in Dublin. Generally, private rented accommodation is in short supply. An accommodation advisory service operates from late August to the end of Freshers' Week to assist students seeking private accommodation.

3 Comprehensive information is available on the College website at <http://www.tcd.ie/Accommodation>.

#### *Accommodation in the College*

4 Single bedrooms and bedrooms within 3 to 7 person apartments are available. These are fully-furnished and all have access to cooking facilities. There are approximately 700 places for men and women.

5 Applications for residential rooms will be accepted during a four week period in February/March (see the *Calendar* PART I - ALMANACK).

Applications for rooms in College will be accepted from full-time students registered for undergraduate or postgraduate degree courses. Ordinarily, applications will not be accepted from students registered for diploma courses. Where a degree course is jointly delivered with another institution, applications will be accepted from students in those years that the course is delivered by Trinity College. There is normally a considerable demand for rooms.

6 Most of the allocations of College rooms for the coming academic year are made in May. Students are notified electronically. Vacancies may occur during the year and applicants interested in taking up these rooms should keep in touch with the Accommodation Office.

#### *Accommodation in Trinity Hall*

7 Trinity Hall at Dartry near Rathmines is 4 km (2½ miles) from the centre of Dublin. It is on a direct bus route, the LUAS tramline, and is within easy cycling distance of the College. Part of the grounds form the University of Dublin Botanic Garden.

Undergraduates in all years, visiting students and postgraduates will be considered for accommodation at Trinity Hall. New entrants and particularly students entering their first year are advised to apply to Trinity Hall. Applications should be made by students after they have received an unconditional firm offer of a place on a course and have been issued with a student ID number.

Standard accommodation located in Cunningham House (70 places) is comprised of single study bedrooms, which are fully furnished and are grouped around kitchen/common rooms where 14 students may cater for themselves. Students share bathroom and toilet facilities.

There are 940 places in modern accommodation arranged within apartments with four or six ensuite bedrooms sharing a kitchen/dining room. Room types available in the modern accommodation are ensuite single or twin rooms. There are a number of modern rooms available at Trinity Hall for those with mobility impediments and special needs. Students wishing to apply for these rooms should contact the Warden at Trinity Hall. These rooms are designed for students who are capable of independent living and are not suitable for students requiring assisted care. These are ensuite rooms within apartments and share kitchen/living rooms with other students.

Residents have access to a library, computer room and common rooms, and have the use of the indoor sports facilities. All residents at Trinity Hall pay a small annual subscription which covers membership of the Junior Common Room.

8 Applications from students seeking places in Trinity Hall cannot be dealt with until they have received an unconditional offer of a place on a course in College and a College ID number. Vacancies may occur during the year and interested students should keep in touch with the office



at Trinity Hall.

### *Tenure*

9 Foundation (and non-foundation) scholars are entitled to remain in residence as provided for in the Statutes.

10 Students who have held rooms during the academic year and who intend to present themselves for examinations after the expiry of the tenancy period in May may retain their rooms until the morning following final May examinations, provided that they inform the Registrar of Chambers before the commencement of annual examinations that they wish to extend their occupancy.

11 Students who are the sons or daughters of Fellows of the College are granted priority in the allocation of rooms. They receive a discount equivalent to one third of the rent of a standard room. In all other respects they must conform to the regulations regarding tenure which are binding on students in general.

12 Students seeking leave to retain rooms for longer than one period of tenure should re-apply to the Registrar of Chambers, or the Warden of Trinity Hall, during the period indicated in §5 above. In College, such an extension of the normal period of residence is sparingly granted.

13 Residents are liable for the residential charges for each billing period. Notice to vacate may be given as detailed below.

A. Four weeks' written notice is given to the Accommodation Office which is received on or before the first working day of December, with the room vacated by 1 January.

In this case the licensee will also be liable for rental and utility charges for a further period of four weeks after the expiry of the initial notice period.

In the event that the licensee vacates before the expiry of the required period of notice, the licensee still remains liable for the rental and utility charges for the full notice period. After the expiry of the period of notice, the licensee is liable for the rental and utility charges for a further period of four weeks.

The four week liability may be reduced to the length of time the place remains vacant during that period in the following circumstances:

- (a) Where the departing resident introduces in a new applicant who is acceptable to the relevant College Officer to take up occupancy.
- (b) Where the place is filled by another applicant. In such cases where there is more than one vacancy, vacancies will be filled in rotation in the order in which they arise.

B. Where the room is to be vacated on or after 1 January, four weeks' written notice must be given to the Accommodation Office. In this case the licensee remains liable for the full cost of all rental and utility charges to the end of the licence.

In the event that the room is re-let as described above, credit may be allowed for the period the room is re-let.

### *Sub-letting*

14 Sub-letting is not allowed unless there are exceptional circumstances and prior permission is sought from the Registrar of Chambers or the Warden of Trinity Hall.

### *Offer of rooms and advance payment of residential charges*

15 Any room offer made must be accepted within at least 14 days or sooner if the arrival date is less than 14 days from the date the offer is made. In any event, the offer must be accepted before the room may be occupied.

Where an offer of a room is accepted one month or more before the commencement date for the occupancy of the rooms, a rental charge equivalent to the first 14 nights residential charges will be payable within 14 days of the offer being accepted.

Where an offer of rooms is accepted less than one month before the commencement date for the occupancy of rooms, rental charges equivalent to both the first 14 nights and the remainder of the second core rental period (normally early October to 31 December) must be paid before the room is occupied.

#### *Residential charges*

16 For rooms in College students pay a fixed charge for four rental periods i.e. mid-September to early October, early October to 31 December, 1 January to 31 March and 1 April to mid-May. In Trinity Hall the periods are mid-September to early October, early October to 31 December, 1 January to 31 March and 1 April to mid-May. Residents wishing to extend the occupancy of their rooms beyond the end of the third billing period may do so up to the day following their last May examination on payment of a daily extension charge provided the Accommodation Office or the office at Trinity Hall is notified prior to the commencement of annual examinations.

Subject to availability, short-term occupancy is available to students from outside the greater Dublin area who are sitting supplemental examinations. Rooms are available from mid-August and must be requested before 1 July.

17 Students wishing to reside in rooms in College or Trinity Hall may obtain details of the residential charges on the Accommodation Office's web page during the February/May application period (<http://www.tcd.ie/Accommodation>).

18 Staff wishing to reside in College may obtain details of rent and availability from the Accommodation Office. Details of accommodation at the Trinity Hall residences for both staff and students with partners are available from the office at Trinity Hall.

#### *Accounts*

19 Accounts include residential charges and utility charges and are payable in advance. Where dilapidation charges or fines are incurred these will be included on a resident's account.

Utility charges include heating, hot water, consumed energy and other services such as data connection and piped TV where supplied. In all residential areas an inclusive charge is made for utilities. Information on utility charges is published on the Accommodation Office's web pages.

20 For rooms in College there are four account periods, mid-September to early October, early October to 31 December, 1 January to 31 March and 1 April to mid-May. Payment must be made in advance for all periods. Most residential charges are now payable online using a secure web based payments service that debits charges against selected credit and charge cards. Students will be notified by either letter or e-mail about payment arrangements. The first period payment must be made by early September. If the account and any fine are outstanding by the end of a rental period, the account will remain outstanding but the rooms become automatically forfeit upon notice from the Registrar of Chambers.

In Trinity Hall the account periods are mid-September to early October, early October to 31 December, 1 January to 31 March and 1 April to mid-May. For the first period, payment must be made before residence is taken up. For the second and third periods payment must be made before the first day of the period. If the account and any fine are outstanding by the end of a rental period, the account will remain outstanding but the rooms become automatically forfeit upon notice from the Warden of Trinity Hall.

Residential charges are subject to the College approved student payment policy and the sanctions for non-payment included in this policy apply fully to unpaid residential charges. Under College regulations access to exam results, commencements ceremonies and registration for the next academic year is restricted until overdue debts are cleared.

21 Students in whose names rooms stand registered at the beginning of any billing period are liable for all charges in respect of their rooms, unless they have given due notice to the Accommodation Office or to the office at Trinity Hall respectively, and surrendered their keys.

22 Students who fail to vacate their rooms on or before the date appointed are liable to incur

ongoing charges at the prevailing rates until such time as they surrender their room.

#### *Transfers*

23 If students wish to change their rooms between September and May inclusive they must apply to the Registrar of Chambers or to the Warden of Trinity Hall respectively for permission to do so. If permission is granted the residential charge and the utility charge will be adjusted according to the date on which they exchange their keys.

#### *Discipline*

24 All resident students are required to abide by the conditions of occupancy in force for residences on campus and at Trinity Hall.

25 Permission to hold parties in students' rooms in College must be obtained from the Junior Dean five working days in advance. Application form available from the Junior Dean's website at [https://www.tcd.ie/Junior\\_Dean/events/booking.php](https://www.tcd.ie/Junior_Dean/events/booking.php). Permission to hold parties in students' rooms in Trinity Hall or in other Trinity Hall rooms must be obtained from the Warden five working days in advance. All such party requests for Trinity Hall should be notified to the Warden on forms available from the office at Trinity Hall.

#### *V COMMONS<sup>8</sup>*

1 Commons is served in the evening on week-days (Monday to Thursday inclusive) and on Friday at 1.05 p.m in the East Dining Hall unless otherwise advised. There is no service on any week-end or Bank Holiday. During the summer vacation Commons is served at 1.05 p.m. on week-days. Precise details of the days and times of service are published in advance.

2 Commons bookings are made by means of a full and valid departmental charge code or vouchers distinguished by date and valid only for the day of issue. These vouchers can be purchased at least one day in advance at the Catering Office.

3 Exchange of Commons vouchers for future days will be possible at the Catering Office during office hours, but no retrospective exchanges nor refunds for any unused vouchers will be made.

4 Commons vouchers are on sale at €20.50 per voucher. Each voucher will be date stamped for the Commons meal required. Vouchers can be purchased no later than 3 p.m. on the day prior to the day the voucher is to be used.

Vouchers may be redated, if required, provided they are surrendered in good time, i.e. prior to the original date of use.

5 Fellows, scholars and sizars receive their Commons free of charge.

Scholars wishing to attend Commons must sign on by 3 p.m. daily at <http://www.tcdlife.ie/scholars/scholar/commons.php>. During the summer vacation Commons is served at 1.05 p.m. on week-days and scholars must sign on by 11 a.m. Scholars not on the College books, but with an entitlement to Commons, free of charge, can obtain Commons vouchers from the Registry of Chambers.

Fellows wishing to attend Commons must sign on by 3 p.m. daily at <http://www.tcdlife.ie/scholars/fellow/login.php>. During the summer vacation Commons is served at 1.05 p.m. on week-days and fellows must sign on by 11 a.m.

6 The wearing of gowns at Commons is optional.

7 Any member of the College may dine on Commons. Guests (i.e. non-members of the College) will be admitted to Commons but their hosts will have to provide pre-paid vouchers or a full and valid departmental charge code for them.

8 All Commons regulations are subject to revision at short notice should the Board consider it necessary.

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<sup>8</sup>The price of Commons is subject to change.

## *VI INSURANCE*

1 The Board cannot accept responsibility for the personal property of individuals in College; they are strongly recommended to insure their belongings under an 'all risks' policy. A scheme is available for the benefit of residents in College and at Trinity Hall. Details are available at the Accommodation Office.

## *VII SAFETY*

1 The Board of the College maintains a working environment in which the physical and mental well-being of the College community is maintained at the highest levels practicable, and provides a basis whereby the College is able to solve problems that arise in the working environment in co-operation with staff and students and their representative organisations.

2 The Board has appointed a College Safety Committee and a College Safety Officer to advise it on general matters of policy relating to safety; to supervise, develop and integrate the College safety system; to foster co-operation with staff and student representatives on safety matters; and to assist in ensuring compliance with health and safety legislation and regulation.

3 Ultimate responsibility for safety in College rests with the Board of the College.

4 A copy of the comprehensive College safety statement is available from the College Safety Officer, Director of Buildings Office, West Chapel. Individual school or department safety statements are available from school or department heads.

## *VIII DATA PROTECTION*

Data protection legislation safeguards the privacy of individuals in relation to the processing of their personal data. The Data Protection Acts 1988 and 2003 lay down rules about the safeguarding of the privacy of personal data, including such areas as the obtaining, processing, keeping, use, disclosure, accuracy, appropriateness, retention and an individual's right to access and correct their personal data. The legislation applies to personal data held in both manual and electronic format. All members of staff are required, in addition to observing their obligations under the Acts, to comply with the terms of the College's data protection policy and any regulations which may from time to time be laid down by the Board of the College. Further information is available from the College website at [http://www.tcd.ie/info\\_compliance/](http://www.tcd.ie/info_compliance/).

## *IX COPYRIGHT*

The use of copyright materials is governed by the Copyright and Related Rights Acts 2000 to 2007. Those copying material which enjoys copyright protection are required to comply with the provisions of the legislation. This applies to the use of College and other photocopying equipment and to copying by other means, including digital copying. Failure to comply may expose the person to potential civil and criminal liability and, in the case of a student or staff member of College, to College disciplinary procedures. It is also an offence under the legislation to distribute or make available copyright material in any format without authorisation, e.g. by way of computer networks, including publishing it on a website. Those who distribute or make available such material without authorisation are not only in breach of the legislation but also contravene the College's code of conduct for the use of computer resources. Further information is available from the College website at [http://www.tcd.ie/info\\_compliance/copyright/](http://www.tcd.ie/info_compliance/copyright/).

The copyright in all material submitted as an exercise in full or partial fulfilment of the requirements for the award of a qualification from the College and the University vests in the author unless otherwise determined under the College's intellectual property policy.

## *X CHILD TRAFFICKING AND PORNOGRAPHY ACTS 1998 TO 2004*

All staff and students should be aware that the terms of the Child Trafficking and Pornography Acts 1998 to 2004 are applicable to College. These Acts make it an offence to knowingly:

- (a) produce, distribute, print or publish child pornography and to knowingly import, export, sell, show or advertise child pornography;
- (b) cause or facilitate, or encourage, any of these activities;
- (c) be in possession of any child pornography.

The provisions of these Acts cover the storing, viewing or distribution of child pornography on any computer system and persons found guilty of any of the above offences are liable to a fine and/or prison sentence. (A child for the purposes of the Acts is a person under the age of 17 years.)

#### *XI FREEDOM OF INFORMATION*

The University of Dublin, Trinity College, was designated as a 'public body' subject to the terms of the Freedom of Information Act, 2014. The Act established three main statutory rights: (a) a legal right for each person to access information held by public bodies; (b) a legal right for each person to have official information relating to him/herself amended where it is incomplete, incorrect or misleading; (c) a legal right to obtain reasons for decisions affecting oneself.

The College's Freedom of Information website [http://www.tcd.ie/info\\_compliance/foi/](http://www.tcd.ie/info_compliance/foi/) includes further information about the Freedom of Information Act 2014 and how it applies to Trinity College. Enquiries and formal requests under the terms of these Acts should be addressed to the Information Compliance Officer, Secretary's Office, West Theatre, Trinity College.

#### *XII SMOKING IN COLLEGE*

College is required to comply with the requirements of The Tobacco Smoking (Prohibition) Regulations, 2003. College policy prohibits smoking in buildings or vehicles, in enclosed entrances, porticos or tunnels and within a distance of 4m from entrance doors, opening windows and entrances to enclosed areas, tunnels or porticos.

For further information on the policy on Smoking in College see [http://www.tcd.ie/Buildings/Safety/No\\_Smoking\\_Policy.pdf](http://www.tcd.ie/Buildings/Safety/No_Smoking_Policy.pdf).

#### *XIII DIGNITY AND RESPECT*

All staff and students should be aware of and uphold the College's dignity and respect policy. The College is committed to supporting a collegiate environment for its staff, students and other community members, which is free from discrimination, bullying and harassment. The Employment Equality Acts 1998-2011 and Equal Status Acts 2000-2012 outlaw discrimination and harassment in relation to any of the nine equality grounds (gender, age, sexual orientation, religion, ethnicity, disability, family status, civil status, and membership of the Traveller community) in employment and service provision.

College has published a policy detailing roles and responsibilities, and a framework and procedures for addressing any issues that arise, including informal and formal complaint procedures. Failure to comply with the dignity and respect policy could result in disciplinary action. This policy applies to all members of the College community – staff, students and visitors. A panel of contact persons has been appointed by the Board and members are available to provide confidential advice. The Equality Committee is responsible for monitoring the implementation of this policy. Further information on procedures and sources of help is available at <http://www.tcd.ie/about/policies/respect.php>.

# *Two-Subject Moderatorship Courses*

## *GENERAL REGULATIONS<sup>1</sup>*

### *Degree*

1 The College offers a wide variety of courses in which two subjects are studied concurrently according to one of two distinct patterns as set out below. These courses all lead to the degree of Bachelor in Arts (Moderatorship (B.A. with honors)).

### *Fees*

2 See COLLEGE CHARGES.

### *Admission*

3 Applications for admission from E.U. applicants to the courses for this degree should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Non-E.U. applicants should apply online direct to Trinity College Dublin by 1 February of the proposed year of entry. For further information see <https://www.tcd.ie/study/non-eu/undergraduate/>.

4 Applicants must satisfy the admission requirements of the University, together with any special requirements for entry into both subjects of the course; see ADMISSION REQUIREMENTS. Students are not permitted to commence two new languages in their first year of study. Admission to all TSM Language subjects requires a minimum grade in either that language or a language excluding English achieved at Irish Leaving certificate higher level or equivalent, depending on the subject. Students wishing to combine two of: Greek, Italian, Latin, Russian and Spanish within TSM are required to present at least one of the chosen languages at grade C3 or better at Irish Leaving Certificate higher level or equivalent. Full details of all admission requirements are available in the undergraduate prospectus.

### *Subjects*

5 The subjects which may be combined in two-subject moderatorship courses are: ancient history and archaeology, Catholic theological studies, classical civilisation, drama studies, early Irish, economics, English literature, film studies, French, geography, German, Greek, history, history of art and architecture, Italian, Jewish and Islamic civilisations, Latin, mathematics, modern Irish, music, philosophy, psychology, Russian, sociology, Spanish, world religions and theology.

### *Two-subject course structures*

6 The two distinct patterns in which the two subjects may be combined are as follows:

PATTERN A Two subjects are studied equally during the full four years of the undergraduate course.

PATTERN B Two subjects are studied equally during the first three years of the course and studies are continued in one subject only for the fourth year.

### *Two-subject combinations*

7 A chart showing the available combinations is set out on the final page of this section.

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<sup>1</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

#### PATTERN A AND B

The following subjects may, in certain combinations, be studied in pattern A and pattern B:<sup>2</sup> economics, geography, German, history,<sup>3</sup> Jewish and Islamic civilisations, mathematics, philosophy, sociology, world religions and theology.

#### PATTERN B

The following subjects may be studied in pattern B only: ancient history and archaeology, Catholic theological studies, classical civilisation, drama studies, early Irish, English literature, film studies, French, Greek, history of art and architecture, Italian, Latin, modern Irish, music, psychology, Russian, Spanish.

#### *European Credit Transfer and Accumulation System*

8 Subjects within the two-subject moderatorship are awarded ECTS credit weightings and students are required to take modules amounting to 60 ECTS credits in a given year, 30 for each subject when two are studied, and 60 in the one subject studied in the Senior Sophister year in pattern B (and C). ECTS credit in each subject must be distributed equally over each semester, 15 credits in each subject in each semester in all academic years and patterns, except Senior Sophister pattern B and C where 30 credits in each semester are required. The assessment weighting in all subjects must correspond to the credit weighting of modules. Students participating in an exchange programme should refer to §12.

The ECTS credit for each module is available from course handbooks.

#### *Submission of module choices*

9 Students should refer to their departmental handbooks or guidelines from their departments/schools to establish the module choices available each year, if any, and the deadlines for submitting their module choices for the following academic year.

#### *Transferring course/subject*

10 Students seeking to transfer to a different two-subject moderatorship combination or to another course in College should contact their College tutor and the Academic Registry for information on transferring and the relevant deadlines.

#### *Abridgement of course*

11 Where places are available students may be permitted to abridge their course, if, in the opinion of the appropriate head(s) of school(s)/department(s)/discipline(s) and TSM Course Director, they are qualified by their knowledge and attainment to do so, or by passing specified examinations. Applicants must pay a fee before presenting themselves for examination (see COLLEGE CHARGES). Applications for permission to abridge any course should be made through the Academic Registry in the first instance.

#### *ERASMUS and study abroad*

12 Two-subject moderatorship students are eligible to participate in ERASMUS or other exchange programmes approved by the Vice-President for Global Relations subject to the general regulations (see GENERAL REGULATIONS AND INFORMATION, section II, §70). The normal expectation is that students will be able to arrange an exchange in both subjects in either pattern A or pattern B, as appropriate. Two-subject moderatorship students may participate in an exchange in their Senior Freshman or Junior Sophister year, depending on departmental academic requirements.

Two-subject moderatorship students undertaking an approved exchange are normally

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<sup>2</sup>Please refer to the TSM table of permitted subject combinations on final page of this section for details of available combinations and patterns.

<sup>3</sup>History may be studied in pattern A only in combination with geography. All other history combinations are studied in pattern B.

expected to achieve a minimum grade of second class (second division) in each subject in the Junior Freshman annual examination for a Senior Freshman exchange, or in the Senior Freshman annual examination for a Junior Sophister exchange, as appropriate. However, some subjects require a minimum grade of second class (first division) to participate. Students must therefore check the requirements for both subjects with the relevant department(s). Students who are required to take supplemental assessments may participate in the exchange at the discretion of the relevant schools/departments.

Full-year exchanges: Two-subject moderatorship students studying abroad for a full academic year must obtain a minimum of 45 credits, or equivalent, from the host university in order to rise with their year. A minimum of 22.5 credits must be obtained in each subject. ECTS credits (or equivalent) in each subject must be distributed equally over each semester. At least 45 credits must be passed to rise with the year, and at least 22.5 credits in each subject must be passed to pass the subject.

Half-year exchanges: Two-subject moderatorship students studying abroad on a half-year/one semester exchange must obtain 15 credits in each subject in the semester they are in Trinity College. For the semester abroad, students must obtain a minimum of 10 credits in each subject. Students will then have a minimum of 50 credits for the full academic year. Students are not permitted to study only one subject on a half-year exchange.

Students are strongly advised to take more than the minimum credits when abroad in case of failure in some elements.

Marks and credits obtained in the host university must be converted using the College-approved conversion table. Further details are available at <https://www.tcd.ie/study/non-eu/study-abroad/from-trinity/return/>.

Students reading a two-subject course in pattern B who are participating in a full-year Junior Sophister exchange must choose the subject which will be taken in the Senior Sophister year not later than the last day of Hilary term in the Senior Freshman year. The choice of this subject must meet with the approval of the schools or departments concerned.

#### PATTERN C

13 Where a Junior Sophister full-year ERASMUS/study abroad exchange in both subjects cannot be arranged to the satisfaction of the schools or departments concerned, students may seek permission for an exchange in one subject only: such an exchange must be undertaken for the full Junior Sophister year and will require the student to terminate study in the other subject with an examination at the end of the Senior Freshman year. *This will result in a modified form of degree certificate which will indicate that only one subject has been studied to degree level.* The second subject will be noted on the degree certificate as a subsidiary qualification. Pattern C is not available in the Senior Freshman year.

Students wishing to be considered for pattern C are required to complete the relevant application form, available from the TSM Course Office, which requires the approval of both schools or departments, by the last day of Hilary term of their Senior Freshman year. Students undertaking an approved exchange must normally achieve a minimum grade of second class (second division) in each subject in the Senior Freshman annual examination. However, some subjects require a minimum grade of second class (first division) to participate. Students are therefore advised to check the requirements in both subjects. Students who are required to take supplemental assessments may participate in the exchange at the discretion of the relevant schools/departments.

#### *Special requirements in modern languages*

14 In each year, candidates in modern languages must provide evidence of their proficiency in the language concerned. Proficiency will be assessed by performance in one or more specified modules. A student who fails to satisfy the examiners in these specified modules will be deemed to have failed the examination overall.



15 A distinction in spoken language may be awarded in the Sophister years, at the discretion of the examiners, to candidates in modern languages. In modern Irish distinctions in the spoken language may be awarded in all years.

16 Students taking one or two modern language subjects other than English literature must spend not less than two months in the country of each language in order to fulfil the requirements of their course; students of Irish must spend not less than two months in the Gaeltacht. Students taking a modern language other than English literature as their minor subject must complete their residence requirement in that subject before the Junior Sophister end-of-year examination in that subject. Students who do not complete their residence requirement before their Junior Sophister examinations will not receive their results and will be unable to proceed until the requirement has been met and approved by the relevant schools or departments. Students taking a modern language other than English literature as their major subject must complete their residence requirement in that subject before the Senior Sophister final examination in that subject. Students who do not complete their residence requirement before their Senior Sophister examinations will not receive their results and will be unable to graduate until the requirement has been met and approved by the relevant schools or departments. This requirement can be waived only in exceptional circumstances and with the approval of the schools or departments concerned. It is recommended that in the year prior to their entering College, intending students spend a period in a country of which they are proposing to study the language; such residence may, with the approval of the schools or departments concerned, be counted for up to half of the residence requirement in that language. Students who wish to interrupt their course in order to spend one year abroad in a country of which they are studying the language may do so, provided that they comply with GENERAL REGULATIONS AND INFORMATION.

#### *Broad Curriculum*

17 Students may have the option of taking a Broad Curriculum module (including the language learning modules) as an integral part of one of their subjects. Further details are available from schools, departments or the College website at [http://www.tcd.ie/Broad\\_Curriculum/](http://www.tcd.ie/Broad_Curriculum/).

#### *Choice of pattern and pattern B major/minor subject*

18 All Junior Sophister students must choose their pattern (where relevant), and if pattern B, their major and minor subjects, not later than the last day of Michaelmas term in the Junior Sophister year. Students who are participating in a Junior Sophister exchange must choose their pattern (where relevant) and if pattern B, their major and minor subjects not later than the last day of Hilary term in the Senior Freshman year. This choice must meet with the approval of both schools or departments.

#### *Academic progress*

19 To rise with their class students must (a) attend satisfactorily the lectures given in the subjects of their course each term, as required by the University Council, the school or department committees and the two-subject moderatorship management committee, (b) perform the prescribed exercises (essay, tutorial or practical work), (c) pass, in accordance with the two-subject moderatorship course regulations, the prescribed examinations in both subjects, and (d) meet special examination requirements as prescribed and published by each school or department. See also GENERAL REGULATIONS AND INFORMATION, section II.

#### *General examination information and regulations*

20 For information on assessments in each subject see CONTENT OF SUBJECTS.

Grading scheme: Results for all examinations are published according to the following grades: I = 70-100, II<sub>1</sub> = 60-69, II<sub>2</sub> = 50-59, III = 40-49, F<sub>1</sub> = 30-39, F<sub>2</sub> = 0-29.

Annual examinations: Annual examinations are held during Trinity term.

Assessment methods: All students taking the same module (that is enrolled under the same module code), in the same examination session, are assessed using the same method(s).

Compensation scheme: Some modules or module components are non-compensatable, as

specified by the relevant departments and schools. Subject to this, compensation of failed modules may be permitted as defined by College regulations, details of which are found in §§ 23-26 below.

**Supplemental examinations:** Supplemental examinations are held at the beginning of Michaelmas term in the Freshman years for all students, and in the Junior Sophister year for pattern A students. Students who pass their end of year examinations at the supplemental (or special) examination session and who are eligible to proceed to the next year will have their overall result recorded as 'pass at supplemental'. There are no supplemental examinations in the Junior Sophister year for pattern B (and C); there are no supplemental examinations in the Senior Sophister year.

**Re-assessment requirements:** Candidates who are unsuccessful at the annual examination session will be re-assessed in failed modules during the supplemental examination session by taking such module components as required by the departmental or school regulations.

Within the two-subject moderatorship course, an assessment component for a module may refer to an end-of-year examination, course work, class test, practical laboratory requirement, field trip requirement, oral and aural examination, where the assessment forms part or all of a specific module's assessment requirement.

**Absence from examination:** Students who have been absent from any or all examinations without permission from the Senior Lecturer are governed by the regulations applying to students in the relevant years, §§23-26, in one or both subjects. Permission to repeat the year will normally be granted only to students who are considered to have made a serious attempt at their examinations, or who have been able to provide the Senior Lecturer with acceptable reasons for absence from examination.

#### *Repetition of year*

21 Students who in any year have failed to satisfy any one or more of the conditions defined in §19 will not, except as provided in GENERAL REGULATIONS AND INFORMATION, receive credit for the year. The two-subject moderatorship court of examiners may permit them to repeat the year, if they are entitled to do so (see GENERAL REGULATIONS AND INFORMATION, section II, and §§19-20 above and §§23-26 below), or may exclude them from the subject(s).

22 Students granted permission to repeat the year are required to repeat both subjects in full. They must attend lectures and perform such exercises as may be required in both subjects in accordance with GENERAL REGULATIONS AND INFORMATION, unless exempted by the Senior Lecturer. For details see §§19-20 above and §§23-26 below.

#### 23 *Junior Freshman examination regulations*

- (i) General academic progress — see §§19-22 above.
- (ii) Students must achieve an overall pass mark (grade III or above) in both subjects at the annual or supplemental examinations in the same academic year in order to pass the year overall and to proceed to the next year.
- (iii) Students may pass the Junior Freshman year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). Some modules or module components in some subjects are non-compensatable.
- (iv) Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).
- (v) Students who fail one or both subjects at the annual examinations will be re-assessed in their failed modules during the supplemental examination session. Where required,

course work must be re-submitted by the Friday before the supplemental examination period commences.

- (vi) Students who fail in one or both subjects at the supplemental examination may be permitted to repeat the year in both subjects (subject to GENERAL REGULATIONS AND INFORMATION, section II, §§60-62).
- (vii) Students who are absent from any or all of their supplemental examinations without permission from the Senior Lecturer are excluded from the TSM course.

#### 24 *Senior Freshman examination regulations*

- (i) General academic progress — see §§19-22 above.
- (ii) Students must achieve an overall pass mark (grade III or above) in both subjects at the annual or supplemental examinations in the same academic year in order to pass the year overall and to proceed to the next year.
- (iii) Students may pass the Senior Freshman year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). Some modules or module components in some subjects are non-compensatable.
- (iv) Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).
- (v) Students who fail one or both subjects at the annual examinations will be re-assessed in their failed modules during the supplemental examination session. Where required, course work must be re-submitted by the Friday before the supplemental examination period commences.
- (vi) Students who fail in one or both subjects at the supplemental examination may be permitted to repeat the year in both subjects (subject to GENERAL REGULATIONS AND INFORMATION, section II, §§60-62).
- (vii) Students who are absent from any or all of their supplemental examinations without permission from the Senior Lecturer are excluded from the TSM course.

#### 25 *Junior Sophister examination regulations*

##### A. PATTERN A STUDENTS

- (i) General academic progress — see §§19-22 above.
- (ii) Students must achieve an overall pass mark (grade III or above) in both subjects at the annual or supplemental examinations in the same academic year in order to pass the year overall and to proceed to the next year.
- (iii) Students may pass the Junior Sophister year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). Some modules or module components in some subjects are non-compensatable.
- (iv) Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).
- (v) Students who fail one or both subjects at the annual examinations will be re-assessed in their failed modules during the supplemental examination session. Where required, course work must be re-submitted by the Friday before the supplemental examination period commences.

- (vi) Students who fail in one or both subjects at the supplemental examination may be permitted to repeat the year in both subjects (subject to GENERAL REGULATIONS AND INFORMATION, section II, §§60-62).
- (vii) Students who are absent from any or all of their supplemental examinations without permission from the Senior Lecturer are excluded from the TSM course.
- (viii) Students who obtain a minimum grade of III in each of their two subjects at the annual or supplemental examinations may be permitted to graduate with an ordinary degree of B.A. Except by special permission of the University Council, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### B. PATTERN B STUDENTS

- (i) General academic progress — see §§19-22 above.
- (ii) Students must achieve an overall pass mark (grade III or above) in both subjects at the annual examinations in the same academic year in order to pass the year overall and to proceed to the next year.
- (iii) Students in pattern B may pass the Junior Sophister year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and pass outright modules totalling at least 20 credits in each subject, and achieve a mark of at least 30 per cent in any failed module(s). Some modules or module components in some subjects are non-compensatable.
- (iv) The examination in the minor subject (subject studied for the first three years of the course only) is part I of the moderatorship examination. This is the degree examination for the minor subject.
- (v) The examination in the major subject (subject studied for all four years of the course) forms part of the moderatorship part II examination.
- (vi) The total moderatorship mark is the combined result of both the Junior Sophister and Senior Sophister years in both subjects. The overall mark is calculated on the basis of equal weighting of both subjects in the Junior Sophister year and equal weighting of both Sophister years.
- (vii) There are no supplemental examinations.
- (viii) Students who fail in one or both subjects at the annual examination may be permitted to repeat the year in both subjects (subject to GENERAL REGULATIONS AND INFORMATION, section II, §§60-62).
- (ix) Students who are absent from any or all of their examinations without permission from the Senior Lecturer are excluded from the TSM course.
- (x) Students who obtain a minimum grade of III in each of their two subjects at the annual examinations may be permitted to graduate with an ordinary degree of B.A. Except by special permission of the University Council, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.
- (xi) Students taking a modern language other than English literature as their minor subject must complete their residence requirement in that subject before the Junior Sophister end-of-year examination in that subject. Students who do not complete their residence requirement before their Junior Sophister examinations will not receive their results and will be unable to proceed until the requirement has been met and approved by the relevant schools or departments. See §16 above.

#### C. PATTERN C STUDENTS

- (i) Pattern C regulations are applied to approved students participating on a full-year exchange programme in their Junior Sophister year where only one subject can satisfactorily be studied, see §13 above.
- (ii) General academic progress — see §§19-22 above.
- (iii) The Junior Sophister pattern C annual examination is a moderatorship examination. Students are assessed in one subject only. There are no supplemental examinations.

- (iv) Students must achieve an overall pass mark (grade III or above) in the one subject studied in the Junior Sophister year at the annual examinations in order to pass the year overall and to proceed to the next year. Since pattern C students must participate in a full year exchange in their Junior Sophister year, and as there is a reduced credit requirement for exchange students (minimum 45 credits instead of 60), students may compensate by taking in excess of 45 credits to compensate for poor performance. The minimum 45 credits must be passed. The overall result is based on the credit-weighted average up to a maximum of 45 credits (or nearest credits above this) of the highest, subject-relevant, module results.
- (v) The marks awarded in both the Junior and Senior Sophister years contribute with equal weighting to the aggregate mark of the overall moderatorship result.
- (vi) Students who fail in the one subject studied in the Junior Sophister year may be permitted to repeat the year in both subjects (subject to GENERAL REGULATIONS AND INFORMATION, section II, §§60-62). Students repeating the year will revert to studying both subjects, following the relevant standard pattern or choose either pattern A or pattern B, where relevant.
- (vii) Students who are absent from any or all of their annual examinations without permission from the Senior Lecturer are excluded from the TSM course.
- (viii) Students who obtain a minimum grade of III in the one subject studied in the Junior Sophister year at the annual examinations may be permitted to graduate with an ordinary degree of B.A. Except by special permission of the University Council, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

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*Senior Sophister examination regulations*

ALL PATTERNS

- (i) General academic progress — see §§19-22 above.
- (ii) The moderatorship examination is held on only one occasion annually in Trinity term.
- (iii) There is no supplemental examination.
- (iv) Students unavoidably absent from the moderatorship examination due to illness or other grave cause beyond their control may apply through their tutor to the Senior Lecturer to sit the examination the following year.
- (v) Students who are absent from any or all of their annual examinations without permission from the Senior Lecturer are excluded from the TSM course.
- (vi) Students who have failed to obtain a moderatorship may nevertheless be allowed the ordinary B.A. degree on their answering in the Senior Sophister examination.

A. PATTERN A STUDENTS

- (i) Pattern A students are examined in both subjects. This is the final examination in both subjects.
- (ii) The marks awarded in the two subjects in the Senior Sophister year contribute with equal weighting to the aggregate mark. To pass the year and be eligible for a moderatorship award candidates must achieve a grade III or higher in both subjects.
- (iii) Students in pattern A may pass the Senior Sophister year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and pass outright modules totalling at least 20 credits in each subject, and achieve a mark of at least 30 per cent in any failed module(s). Some modules or module components in some subjects are non-compensatable.

B. PATTERN B STUDENTS

- (i) Pattern B students are examined in the one subject studied in the Senior Sophister year. This is the final degree examination of the major subject, moderatorship part II.

- (ii) To be eligible for a moderatorship award candidates must achieve a grade III or higher in the moderatorship part I examination (Junior Sophister) and both parts of the moderatorship part II examination (Junior Sophister and Senior Sophister).
- (iii) Pattern B students may pass the Senior Sophister year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in the one subject studied in the Senior Sophister year, and pass outright modules totalling at least 40 credits, and achieve a mark of at least 30 per cent in each failed module, up to a maximum of 20 credits. Some modules or module components in some subjects are non-compensatable.  
Or pattern B students may pass the Senior Sophister year by aggregation if they achieve a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, provided that they achieve a credit-weighted average mark of 40 per cent for the year, pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed modules. Some modules or module components in some subjects are non-compensatable/non-aggregatable.
- (iv) The total moderatorship mark is the combined result of both the Junior Sophister and Senior Sophister years in both subjects. The overall mark is calculated on the basis of equal weighting of both subjects in the Junior Sophister year and equal weighting of both Sophister years.
- (v) Students taking a modern language other than English literature as their major subject must complete their residence requirement in that subject before the Senior Sophister final examination in that subject. Students who do not complete their residence requirement before their Senior Sophister examinations will not receive their results and will be unable to graduate until the requirement has been met and approved by the relevant schools or departments. See §16 above.

#### C. PATTERN C STUDENTS

- (i) Pattern C regulations are applied to approved students who participated on a full-year exchange programme in their Junior Sophister year where only one subject could satisfactorily be studied, see §13 above. Pattern C students are examined in one subject studied in the Senior Sophister year. This is the final examination.
- (ii) To be eligible for a moderatorship award candidates must achieve a grade III or higher in both the Junior and Senior Sophister examinations.
- (iii) Pattern C students may pass the Senior Sophister year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in the one subject studied in the Senior Sophister year, and pass outright modules totalling at least 40 credits, and achieve a mark of at least 30 per cent in each failed module, up to a maximum of 20 credits. Some modules or module components in some subjects are non-compensatable.  
Or pattern C students may pass the Senior Sophister year by aggregation if they achieve a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, provided that they achieve a credit-weighted average mark of 40 per cent for the year, pass outright modules totalling at least 40 credits, and have a minimum mark of 30 per cent in any remaining failed modules. Some modules or module components in some subjects are non-compensatable/non-aggregatable.
- (iv) The marks awarded in both the Junior and Senior Sophister years contribute with equal weighting to the aggregate mark of the overall moderatorship result.

#### *Gold medals and prizes*

27 In the Senior Sophister year at the moderatorship examination gold medals are awarded by the Board to candidates of the first class who have shown exceptional merit. For details on the criteria for the award of gold medals see category 3 (pattern A) or category 5 (pattern B and C) in the Academic Registry guidelines available at: <https://www.tcd.ie/academicregistry/exams/prizes/>.

28 Various studentships, scholarships, exhibitions, and other prizes are awarded to students

on the results of examinations, provided that sufficient merit is shown. Monetary awards are sent direct to prize-winners unless otherwise stated under the regulations for the particular prize. For details see PRIZES AND OTHER AWARDS (see also MISCELLANEOUS AWARDS).

29 At the annual examinations a book prize (value under review) is awarded in each subject to candidates obtaining an overall first class honors grade. These prizes are not awarded in the Senior Sophister year.

These prizes, which are issued in the form of vouchers, can be exchanged by the student at designated booksellers. Book prizes may be collected from the Academic Registry by the award holder in person.

#### *Foundation scholarship*

30 In order to be recommended for foundation scholarship in the two-subject moderatorship course candidates must achieve an overall mark for both subjects combined of 70 per cent or higher; candidates must obtain a first class result in one subject and at least a second class, first division result in the other subject; candidates are required to have a minimum of two first class marks out of their total four papers; and no paper may have a mark below 65%. Both subjects contribute with equal weighting to the combined mark. Candidates sit a maximum of four and a half hours of written examinations in each subject. The academic scope of these examinations and assessments, in terms of modules and/or areas covered, may vary from one subject to another; each department in TSM assigns a minimum of a quarter of its assessment in the scholarship examination to general question(s). Students intending to present themselves for this examination should see also FOUNDATION SCHOLARSHIPS.

### **CONTENT OF SUBJECTS**

#### *General information which applies to all subjects*

Detail on exact subject content and assessment can be found in the relevant departmental handbook.

Students must submit the required continuous assessment for each module and complete all required assessments/examinations.

Students must take modules to the value of 30 credits in each subject in the Junior Freshman, Senior Freshman and Junior Sophister years and in Senior Sophister pattern A. In Senior Sophister pattern B students must take modules to the value of 60 credits in the one subject studied. ECTS credits in each subject must be distributed equally over each semester, 15 credits in each subject in each semester in all years and patterns, except Senior Sophister pattern B and C, where 30 credits in each semester are required.

Modern language students are also referred to the 'Special requirements in the modern languages' section.

#### **Ancient history and archaeology**

Ancient history and archaeology is designed for students with a particular interest in the history, art history and archaeology of the Greek and Roman worlds. Among the issues addressed are the emergence and character of urban societies, military and social history, ancient technology, and the role of religion in society. Detailed topics include the Aegean Bronze Age and Roman Britain. In the Senior Sophister year students are required to engage with special topics of considerable complexity and to write a dissertation. Exact content of the modules may vary from year to year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the department.

#### **JUNIOR FRESHMEN**

##### *Content*

Students must take modules to the value of 30 credits comprising three compulsory modules

carrying 10 credits each.

*Assessment*

Students sit three examinations. Students submit two essays per module. Modules are weighted according to their credit values.

SENIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising two compulsory and either one or two optional modules. Modules carry either 5 or 10 credits each.

Students may substitute one 5 credit module with a Broad Curriculum module, language module or school elective module (contact the department for further information).

Archaeological fieldwork and study tour modules are available (contact the department for further information).

*Assessment*

Students sit three examinations. Students submit two essays per module. Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

*Content*

Students take modules to the value of 30 credits comprising two compulsory and either one or two optional modules. Modules carry either 5 or 10 credits each.

Students may substitute one 5 credit module with a Broad Curriculum module, language module or school elective module (contact the department for further information).

Archaeological fieldwork and study tour modules are available (contact the department for further information).

*Assessment*

*Pattern B*

Students sit three examinations. Students submit two essays per module. Modules are weighted according to their credit values.

SENIOR SOPHISTERS

*Content*

Pattern B: Students take modules to the value of 60 credits comprising one compulsory and two optional modules carrying 20 credits each.

The dissertation module is compulsory. Dissertations have a maximum length of 12,000 words and must be submitted by the first day of the tenth week of Hilary term.

*Assessment*

*Pattern B*

*Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. (Detailed dissertation regulations are available from the department.)

Modules are weighted according to their credit values.



## **Catholic theological studies**

This subject introduces students to a wide range of topics, covering the principal areas of Catholic theological studies. Modules are offered in ethics, the study of the scriptures and several modules which study how the Christian narrative over the ages has shaped the question of what it is to be human and how human destiny can be conceived. Where appropriate the modules pay attention to how theological themes are expressed in cultural media such as art, architecture and literature. The course includes a module on world religions. Special emphasis is given to cultivating skills in analytical and critical enquiry.

In the Senior Sophister year students can choose among specialist area modules. The dissertation forms an important part of the work of those continuing with Catholic theological studies into the final year, and is an independent piece of research carried out under the supervision of one of the lecturers in theology and biblical studies.

JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules accounting for 5 credits each. Further details are available in the course handbook.

### *Assessment*

Assessment will take a variety of forms, these will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects). Modules are weighted according to their credit values.

SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules accounting for 5 credits each. Further details are available in the course handbook.

### *Assessment*

Assessment will take a variety of forms, these will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects). Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules and three optional modules. The Broad Curriculum is optional. Students may replace a 5 credit module with a Broad Curriculum module. Further details are available in the course handbook.

### *Assessment*

#### *Pattern B*

Assessment will take a variety of forms, these will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects). Modules are weighted according to their credit values.

SENIOR SOPHISTERS

### *Content*

Pattern B: Students take modules to the value of 60 credits comprising one compulsory module (dissertation) and three optional modules carrying 15 credits each. Details regarding the length of the dissertation and date of submission can be found in the Catholic theological studies course handbook.

## *Assessment*

### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit three examinations and submit a dissertation. Students submit a range of course work as required for each module, excluding the dissertation module. Detailed dissertation regulations are available from the Institute. Modules are weighted according to their credit values.

### **Classical civilisation**

Classical civilisation is designed for students with a particular interest in the critical study of the literature and culture of the Greek and Roman worlds. A wide range of texts and topics is studied and students are introduced to a variety of critical methodologies. Detailed topics include Athenian drama, Roman comedy, Ciceronian Rome, Socrates and Plato. In the Senior Sophister year students are required to engage with special topics of considerable complexity and to write a dissertation. Exact content of the modules may vary from year to year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the department.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules carrying 10 credits each.

##### *Assessment*

Students sit three examinations. Students submit two essays per module. Modules are weighted according to their credit values.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising one compulsory and four optional modules. Modules carry either 5 or 10 credits each.

Students may substitute one 5 credit module with a Broad Curriculum module, language module or school elective module (contact the department for further information).

##### *Assessment*

Students sit three examinations. Students submit one essay per 5 credit module and two essays per 10 credit module. Modules are weighted according to their credit values.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising one compulsory and four optional modules. Modules carry either 5 or 10 credits each.

Students may substitute one 5 credit module with a Broad Curriculum module, language module or school elective module (contact the department for further information).

##### *Assessment*

### *Pattern B*

Students sit three examinations. Students submit one essay per 5 credit module and two essays per 10 credit module. Modules are weighted according to their credit values.

## SENIOR SOPHISTERS

### *Content*

Pattern B: Students take modules to the value of 60 credits comprising one compulsory and two optional modules carrying 20 credits each.

The dissertation module is compulsory. Dissertations have a maximum length of 12,000 words and must be submitted by the first day of the tenth week of Hilary term.

### *Assessment*

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. (Detailed dissertation regulations are available from the department.)

Modules are weighted according to their credit values.

## **Drama studies**

Drama studies combines elements of literary, historical, cultural and theoretical studies with an awareness of and engagement with theatre practice to train students as scholars and artists. Junior Freshman modules include theatre history, performance studies, a performance module, and study skills, and involve learning by lecture, seminar and practical workshop. All students participate in an ensemble production at the end of second year. Sophister students choose from a range of options, including acting, directing, design, performance and technology, American drama, theatre and Ireland, studies in Beckett, applied drama, playwriting and comedy. Content of individual Freshman units and Sophister modules may change from year to year, depending on staff availability. Students who study drama and theatre studies in the Senior Sophister year select a number of Sophister options and submit a supervised dissertation.

## JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising the four year long modules noted above.

### *Assessment*

Students sit two examinations. They submit alternating essays for theatre history and performance studies, and are assessed in the performance module by presentation, reflective practice exercises and ongoing assessment. Study skills may be assessed by dedicated essays or by separate marking of other course essays. All modules are weighted according to their credit values.

### *Special requirements*

Attendance, as laid out in College regulations, is compulsory in all modules. Penalty points will be applied for non-attendance as described in the departmental handbook.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules.

### *Assessment*

Students sit one examination. Students submit essays/reflective practice exercises for each of the six modules, including the ensemble production module. All modules are weighted according to their credit values.

### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising one compulsory module and three to five optional modules depending on their credit values. The compulsory module carries 5 credits and the optional modules carry either 5 or 10 credits each. Sophister modules are divided into three groups. In each of the Sophister years students should choose at least one module from group C (academic). Some modules may be offered in alternate years. See department for details.

##### *Prerequisites*

Prerequisite conditions may apply for some modules; see department for details. There are some compulsory theatre visits as assigned by the relevant lecturer.

##### *Assessment*

###### *Pattern B*

Full details of assessment requirements are available from the department. Written theatre reviews are required for the compulsory module. Practical modules involve practical assessments and academic and semi-practical modules will have some or all assessment by written essay. Many modules have continuous assessment, based on class presentations, ongoing engagement and minor written submissions. Modules are weighted according to their credit values.

### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

#### SENIOR SOPHISTERS

##### *Content*

Students take modules to the value of 60 credits comprising one compulsory 5 credit module, one compulsory dissertation module (20 credits) and a number of optional modules to bring the total to 60 credits. The compulsory module accounts for 5 credits. 5, 10 and 15 credit optional modules are available and the dissertation module (compulsory) accounts for 20 credits. The maximum length of the dissertation is 10,000 words. Please see the departmental handbook for details of the submission deadline. Sophister modules are divided into three groups. In each of the Sophister years students should choose at least one module from group C (academic). Some modules may be offered in alternate years. See department for details.

##### *Prerequisites*

Prerequisite conditions may apply for some modules, see department for details.

##### *Assessment*

###### *Pattern B*

###### *Moderatorship part II – major subject*

Students submit a dissertation (detailed dissertation regulations are available from the department). Practical modules involve practical assessments and academic and semi-practical modules will have some or all assessment by written essay. Many modules have continuous assessment, based on class presentations, ongoing engagement and minor written submissions. There is also a *viva voce* assessment for the compulsory module. Modules are weighted according to their credit values.

### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

#### **Early Irish**

Early Irish provides students with a training in the critical study of the language, literature and culture of the early Irish period (i.e. up to the end of the twelfth century). A wide range of texts is read in the original and the history of the language from the earliest period is studied. Early Irish saga and law also feature prominently as do social history, palaeography and comparative philology. The course is the same as the early component of the single honors Moderatorship in Early and Modern Irish (see the relevant pages of the FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES section of this *Calendar* for full details).

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising four compulsory modules.

##### *Assessment*

Students sit two examinations. Students submit two assignments and weekly exercises as specified in the departmental handbook.

All modules are weighted according to their credit values.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules.

##### *Assessment*

Students sit two examinations. Students submit one essay and weekly exercises for two modules.

All modules are weighted according to their credit values.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules.

##### *Assessment*

##### *Pattern B*

Students sit four examinations and do assignments as specified in the departmental handbook.

All modules are weighted according to their credit values.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits comprising nine compulsory modules.

The dissertation module is compulsory. The dissertation has a maximum length of 10,000 words and must be submitted by the end of the ninth week of Hilary term.

## *Assessment*

### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Detailed dissertation regulations are available from the department.

All modules are weighted according to their credit values.

## **Economics**

Economics is the study of the allocation of scarce resources between and within households, various organisations (such as business firms and voluntary organisations) and countries. As such, economics is a social science and within the two-subject moderatorship course in Trinity College, economics can be studied for three or four years with one other subject. The other subjects available include languages and social and natural sciences. For the Freshman years, students receive a thorough grounding in basic and intermediate level economics and in the appropriate mathematical and statistical tools required for further study. In the Junior and Senior Sophister year, students choose from a very broad menu of modules. In addition, in the Junior Sophister year, there are various possibilities available with respect to studying economics abroad.

### JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising two compulsory modules and one optional module carrying 10 credits each.

Students taking the combination economics and mathematics have different requirements, see departmental handbook for details.

#### *Assessment*

Students sit three examinations. Students sit two term tests per module (assessment methods are subject to change). Modules are weighted according to their credit values.

#### *Special requirements*

See examination regulations in departmental handbook.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules carrying 10 credits each.

Students taking the combination economics and mathematics have different requirements, see departmental handbook for details.

#### *Assessment*

Students sit three examinations. Students submit one piece of course work and sit one or two term tests per module (assessment methods are subject to change). Modules are weighted according to their credit values.

#### *Special requirements*

See examination regulations in departmental handbook.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising three modules carrying 10 credits

each.

Pattern A and pattern B (moderatorship part I): Students take one compulsory and two optional modules.

Pattern B (moderatorship part II): Students take two compulsory and one optional module.

Students are allowed to take two Broad Curriculum modules in place of one of their optional modules.

#### *Assessment*

##### *Pattern A and B*

Students sit three examinations. Depending on the module students may also be partially assessed by assignments or term tests. Modules are weighted according to their credit values.

##### *Special requirements*

See examination regulations in departmental handbook.

#### SENIOR SOPHISTERS

##### *Content*

Pattern A: Students take modules to the value of 30 credits comprising two optional modules carrying 15 credits each. Students taking the combination economics and mathematics have different requirements, see departmental handbook for details. The dissertation module is not available to students taking economics under pattern A.

Pattern B: Students take modules to the value of 60 credits comprising four optional modules carrying 15 credits each.

The dissertation is an optional module for students taking economics under pattern B. The length of the dissertation should fall between 8,000 to 10,000 words and should not exceed 12,000, and it must be submitted by the eleventh week of Hilary term.

##### *Prerequisites*

Students in both pattern A and B must have taken particular modules in their Junior Sophister year, see departmental handbook for details. Students taking the combination economics and mathematics have different requirements, see departmental handbook for details.

#### *Assessment*

##### *Pattern A*

Students sit two examinations. Depending on the module students may also be partially assessed by assignments or term tests. Modules are weighted according to their credit values.

##### *Special requirements*

See examination regulations in departmental handbook.

##### *Pattern B*

##### *Moderatorship part II – major subject*

Students either sit three examinations and submit a dissertation (detailed dissertation regulations are available from the department), or sit four examinations. Depending on the module students may also be partially assessed by assignments or term tests. Modules are weighted according to their credit values.

##### *Special requirements*

See examination regulations in departmental handbook.

## English literature

English literature is concerned with the history, contexts and practices of writing in English. In the Freshman years students cover a broad range of literary topics from the medieval to the contemporary period, and are introduced to critical and literary theory. In the Sophister years students follow a compulsory module on the Book. Sophister students also choose from an array of optional modules, some year-long, some semester-long; these options cover a wide variety of topics. Students receive ongoing training in research methods, bibliography, critical practice and scholarly presentation.

### JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules carrying 5 credits each.

#### *Assessment*

Students sit three examinations. Students submit three essays (1,500-2,000 words each). Modules are weighted according to their credit values.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising four compulsory and two optional modules carrying 5 credits each. Students may substitute one optional module with one Broad Curriculum module.

#### *Assessment*

Students sit three examinations. Students submit three essays (2,500-3,000 words each). Modules are weighted according to their credit values.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising one compulsory year-long module carrying 10 credits and two semester-long modules carrying 10 credits each.

#### *Assessment*

#### *Pattern B*

Students will be assessed by a range of different methods – full details of how each module is assessed can be obtained from the School. Students submit one essay. Modules are weighted according to their credit values.

### SENIOR SOPHISTERS

#### *Content*

Pattern B: Students take modules to the value of 60 credits comprising four optional modules (two year-long modules and two semester-long modules). The year-long modules carry 20 credits each and the semester-long modules carry 10 credits each. One of the year-long optional modules may be a dissertation option. Further details about the dissertation and Sophister modules may be obtained from the School of English Office.



*Assessment*

*Pattern B*

*Moderatorship part II – major subject*

Students will be assessed by a range of different methods – full details of how each module is assessed can be obtained from the School. Further details about the dissertation and Sophister modules may be obtained from the School of English Office. Modules are weighted according to their credit values.

**Film studies**

Film studies covers the history and critical framework of film production and consumption from the 1890s to the present day. Students will be introduced to film theory and criticism and to a very broad range of American, European and world cinemas. Sophister students choose from a wide range of film studies options including some practice-based options.

JUNIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising six compulsory modules carrying 5 credits each.

*Assessment*

Students sit four examinations. Students submit coursework as required for each module. Modules are weighted according to their credit values.

SENIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising six compulsory modules carrying 5 credits each.

*Assessment*

Students sit three examinations. Students submit course work as required for each module. Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

*Content*

Students take modules to the value of 30 credits comprising six optional modules carrying 5 credits each. Students may substitute one 5 credit Broad Curriculum module for one 5 credit film studies module.

*Assessment*

*Pattern B*

The type and amount of course work required depends on the optional modules taken. Modules are weighted according to their credit values.

SENIOR SOPHISTERS

*Content*

Pattern B: Students take modules to the value of 60 credits. This consists of a compulsory dissertation module (20 credits) and a compulsory research skills module (5 credits) and optional modules to the value of 35 credits.

## *Assessment*

### *Pattern B*

#### *Moderatorship part II – major subject*

Students submit a dissertation of 10,000 words. The dissertation must be submitted by Monday of week 8 of Hilary Term. Detailed dissertation regulations are available from the department. The type and amount of course work required depends on the optional modules taken. Modules are weighted according to their credit values.

### **French**

This subject provides students with a thorough grounding in French, leading to a high standard of fluency in the language both written and spoken, and a wide knowledge of major aspects of French literature, culture and society. The development of skills in reading, critical analysis and argumentation forms an integral part of the course. Language instruction forms the backbone of the teaching programme leading to a high level of competence in the four basic linguistic skills of listening, speaking, reading and writing. In the final year, there is special emphasis on refining and developing methods of critical enquiry and research, including the preparation of a dissertation.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

##### *Assessment*

Students sit four written examinations. Students submit two assessment essays and a continuous assessment element as specified in the departmental handbook. In addition, students are required to take an oral and an aural examination. All modules are weighted according to their credit values.

##### *Special requirements*

See *Special requirements in modern languages*.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three modules.

##### *Assessment*

Students sit four written examinations. Students submit two assessment essays and a continuous assessment element as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

##### *Special requirements*

See *Special requirements in modern languages*.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising two modules carrying 10 credits each and two modules carrying 5 credits each.

##### *Assessment*

##### *Pattern B*

Students sit two written examinations. In addition, students submit essays dependent on the

modules taken. All modules are weighted according to their credit values.

*Special requirements*

See *Special requirements in modern languages*.

SENIOR SOPHISTERS

*Content*

Pattern B: Students take modules to the value of 60 credits comprising four compulsory and two optional modules.

The dissertation module is compulsory. The submitted dissertation has a length of between 9,000 and 12,000 words and must be submitted by the Monday of the eighth week of Hilary term.

*Assessment*

*Pattern B*

*Moderatorship part II – major subject*

Students sit four written examinations and submit a dissertation. Students submit two assessment essays, one for each optional module taken. Detailed dissertation regulations are available from the department. In addition, students are required to take an oral examination. See the departmental handbook for further details. All modules are weighted according to their credit values.

*Special requirements*

See *Special requirements in modern languages*.

**Geography**

Geography covers physical, environmental and human geography. The teaching includes lectures, seminars, tutorials, laboratory work, practicals and field trips. Research methods training is provided and a dissertation is a compulsory component of two-subject moderatorship patterns B and C. Modules are compulsory in the Freshman years with a mix of optional and compulsory modules in the Sophister years.

JUNIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising three compulsory modules carrying 10 credits each.

*Assessment*

Students sit two examinations. In addition each module has some course work element attached to it. Refer to current Geography handbook for details on examinations and continuous assessment requirements. Modules are weighted according to their credit values.

SENIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising three compulsory modules carrying 10 credits each. Some modules may have field trip components which, if present, are compulsory.

*Assessment*

Students sit two examinations. In addition each module has some course work element attached to it. Refer to current Geography handbook for details on examinations and continuous assessment. Modules are weighted according to their credit values.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising two compulsory and four optional modules carrying 5 credits each. A residential field trip is an optional component of the Junior Sophister year.

The Broad Curriculum is optional, see Geography handbook for details.

### *Assessment*

#### *Pattern A and B*

The number of examinations, amount of course work and other types of assessment depend on the modules taken. Details can be found in the current Geography handbook. Modules are weighted according to their credit values.

## SENIOR SOPHISTERS

### *Content*

Pattern A: Students take modules to the value of 30 credits comprising six optional modules carrying 5 credits each. Students taking geography under pattern A do not take the dissertation module. Field trips may be a compulsory element of some optional modules.

Pattern B and C: Students must take modules to the value of 60 credits comprising one compulsory dissertation module and eight optional modules. The compulsory dissertation carries 20 credits and optional modules carry 5 credits each. Field trips may be a compulsory element of some optional modules. The dissertation has a maximum length of 10,000 words and must be submitted by the first week of Hilary term.

The Broad Curriculum is optional, see Geography handbook for details.

### *Assessment*

#### *Pattern A*

The number of examinations, amount of course work and other types of assessment depend on the modules taken. Details can be found in the current Geography handbook. Modules are weighted according to their credit values.

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students submit a dissertation. Detailed dissertation regulations are available from the department. The number of examinations, amount of course work and other types of assessment depend on the modules taken. Details can be found in the current Geography handbook. Modules are weighted according to their credit values.

## **German**

In two-subject moderatorship German, students are trained to acquire fluency in German language, and to develop reading skills and methods of research, description and analysis in such areas as the literature, history, culture and society of the German-speaking countries and the linguistics of German. In the later years of the course students have the opportunity to take a wide range of relevant optional modules. All two-subject moderatorship students are also encouraged to spend a year in a German-speaking country. Students must pass all core language elements in order to proceed (see below for details). Most two-subject moderatorship combinations with German are pattern B. Pattern A is only possible in certain combinations. See the two-subject moderatorship general regulations.

## JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

### *Assessment*

Students sit four written examinations. Students submit a range of assignments as specified in the departmental handbook. In addition, students are required to take class tests and oral and aural examinations. All modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising two compulsory and two optional modules.

Students may take a Broad Curriculum module (see departmental handbook for further details).

### *Assessment*

Students sit three written examinations. Students submit a range of assignments as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising two compulsory modules and two optional modules.

Students may take a Broad Curriculum module (see departmental handbook for further details).

### *Assessment*

#### *Pattern A and B*

Students sit two written examinations. Students submit a range of assignments as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

SENIOR SOPHISTERS

### *Content*

Pattern A: Students take modules to the value of 30 credits comprising two compulsory and one optional module. The dissertation module is compulsory. Under pattern A, the dissertation has a maximum length of 5,000 words.

Pattern B: Students take modules to the value of 60 credits comprising three compulsory and two optional modules. The dissertation module is compulsory. Under pattern B, the dissertation has a maximum length of 10,000 words.

### *Assessment*

#### *Pattern A*

Students sit two written examinations and submit a dissertation. Students submit a range of assignments as specified in the departmental handbook. Detailed dissertation regulations are available from the department. In addition, students are required to take an oral examination. All

modules are weighted according to their credit values.

*Special requirements*

See *Special requirements in modern languages*.

*Pattern B*

*Moderatorship part II – major subject*

Students sit four written examinations and submit a dissertation. Students submit a range of assignments as specified in the departmental handbook. Detailed dissertation regulations are available from the department. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

*Special requirements*

See *Special requirements in modern languages*.

**Greek**

This subject focuses on the detailed study of the literary, linguistic and historical aspects of the Greek classical authors, and includes general lectures on the political, social and cultural history of the Greek and Roman worlds. Genres include epic, historiography, drama, oratory and philosophy. In the Senior Sophister year students are required to engage with special topics of considerable complexity and to write a dissertation. The exact content of the modules may vary from year to year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the departmental handbook.

JUNIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising four compulsory modules. Modules carry either 5 or 10 credits each.

*Assessment*

Students sit three examinations. Students take written tests and submit essays depending on the module concerned. Modules are weighted according to their credit values.

*Special requirements*

Students must obtain a pass mark in Greek translation in order to pass their examination as a whole.

SENIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising three compulsory modules and one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are available in the departmental handbook.

*Assessment*

Students sit three examinations. Students take written tests and submit essays depending on the module concerned. Modules are weighted according to their credit values.

*Special requirements*

Students must obtain a pass mark in Greek translation in order to pass their examination as a whole.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules and one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are available in the departmental handbook.

### *Assessment*

#### *Pattern B*

Students sit three examinations. Students take written tests and submit essays depending on the module concerned. Modules are weighted according to their credit values.

#### *Special requirements*

Students must obtain a pass mark in Greek translation in order to pass their examination as a whole.

## SENIOR SOPHISTERS

### *Content*

Pattern B: Students take modules to the value of 60 credits comprising three compulsory modules and one optional module carrying either 10 or 20 credits each. The dissertation module is compulsory. The dissertation has a maximum length of 12,000 words and must be submitted by the first day of the tenth week of Hilary term.

### *Assessment*

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Students take written tests depending on the module concerned. Detailed dissertation regulations and guidelines are available in the departmental handbook.

Modules are weighted according to their credit values.

#### *Special requirements*

Students must obtain a pass mark in Greek translation in order to pass their examination as a whole.

## **History**

The history subject in the two-subject moderatorship course has been constructed on clear pedagogical and intellectual principles. In the Freshman years modules are designed to provide students with a systematic knowledge of European and Irish history, with options in American and other non-European topics, as well as to introduce students to particular aspects of history (political, social, cultural and economic) and to historiography. In the Sophister years a wide choice is made available to students from a broad range of specialist modules offered by those actively engaged in research on these topics. An independently conceived, researched and presented dissertation is a key element of the final year.

## JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits, 15 credits in each teaching term. Students may substitute optional modules up to the value of 5 credits with Broad Curriculum language modules of an identical credit value. (See departmental handbook for further information.) Students may participate in organised field trips.

### *Assessment*

Students sit examinations or submit equivalent assessed work in each module as specified in the departmental handbook. Students also submit formative essays and tutorial assignments depending on the module concerned. Modules are weighted according to their credit values.

SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits, 15 credits in each teaching term. Students may substitute up to 5 credits of history modules with Broad Curriculum modules of an identical credit value. (See departmental handbook for further information.)

### *Assessment*

Students sit examinations or submit equivalent assessed work in each module as specified in the departmental handbook. Students also submit formative essays and tutorial assignments depending on the module concerned. Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits, 15 credits in each teaching term.

### *Assessment*

#### *Pattern A and B*

Students sit two examinations. Students submit essays, the number of which is dependent on the module concerned. Modules are weighted according to their credit values.

SENIOR SOPHISTERS

### *Content*

Pattern A: Students take modules to the value of 30 credits, 15 credits in each teaching term. The dissertation module is not available to students taking history under pattern A.

Pattern B: Students take modules to the value of 60 credits, 30 credits in each teaching term, comprising four modules, two of 20 credits each and two of 10 credits each. The dissertation module is compulsory. The dissertation has a maximum word length of 10,000 words and must be submitted by the Monday of the ninth week of Hilary term.

### *Assessment*

#### *Pattern A*

Students sit two examinations. Students submit essays, the number of which is dependent on the module concerned. Modules are weighted according to their credit values.

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Students submit essays, the number of which is dependent on the module concerned. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

## **History of art and architecture**

History of art and architecture provides a basic training in art history, addressing painting, sculpture, architecture and other visual media from classical times to the present day. Emphasis is placed on the methods used in the discipline, with particular stress on the techniques of visual analysis. The study of this subject involves the capacity to formulate arguments, to make independent judgments, to think and observe critically and to express ideas with clarity both in



writing and in speech. From an early stage students are required to make individual seminar presentations. Much of the teaching is done in small groups and frequently takes place in local museums and galleries. Some modules may involve compulsory study visits in Ireland.

All modules are offered subject to staff availability. Detailed information about the credit values, content and presentation cycle of the modules is given in the departmental handbook.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits. Some modules may involve compulsory study visits in Ireland. The Broad Curriculum cross-faculty modules are not available but students may choose language options. See department for further details.

##### *Assessment*

Students sit two examinations. Students submit essays and assignments and take slide tests depending on the module. Modules are weighted according to their credit values.

##### *Special requirements*

Students are required to obtain a pass in both of the written papers and to submit all elements of, and pass in aggregate, the course work.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising compulsory and optional modules carrying 5 or 10 credits each. Some modules may involve compulsory study visits in Ireland.

##### *Assessment*

Students are assessed by examinations and/or course work, details of which are provided in the student handbook. Modules are weighted according to their credit values.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising a combination of compulsory and optional modules. Details of modules available and their credit weighting are provided in the student handbook. Some modules may involve compulsory study visits in Ireland.

##### *Assessment*

##### *Pattern B*

Students are assessed by examinations and/or course work, details of which are provided in the student handbook. Modules are weighted according to their credit values.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits. This consists of a compulsory 20 credit dissertation module and optional modules to the value of 40 credits. The optional modules carry either 10 or 20 credits. Some modules may involve compulsory study visits in Ireland. The dissertation has a maximum length of 10,000 words and must be submitted by the first day of Trinity term.

##### *Assessment*

##### *Pattern B*

##### *Moderatorship part II – major subject*

Students are assessed by examinations, a dissertation and/or course work, details of which

are provided in the student handbook. Modules are weighted according to their credit values.

Students may be required to attend a *viva voce* examination, held approximately two weeks after the completion of written examinations. All modules are weighted according to their credit values.

## Italian

Two-subject moderatorship Italian is designed to provide students with proficiency in spoken and written Italian, a sound training in critical analysis and writing, knowledge of Italian literature, and an appreciation of Italy's contribution to European civilisation. Oral and written language elements must be passed every year. Complete beginners are admitted, and receive intensive tuition. Teaching methods are varied, with an emphasis on developing independent learning skills and research capability. Students write a substantial dissertation in the Senior Sophister year, on a topic that reflects their personal interests. A range of options is available alongside the core modules in the Junior and Senior Sophister years. See the departmental handbook for details.

### JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

#### *Assessment*

Students sit three written examinations. Students submit essays, assignments and take tests depending on the module concerned. Students also take an oral and an aural examination. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern languages*.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

#### *Assessment*

Students sit three written examinations. Students submit one term essay, written language assignments and tests as specified in the departmental handbook. In addition, students are required to take an oral and an aural examination. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern languages*.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising two compulsory modules carrying 10 credits each and two optional modules carrying 5 credits each. Broad Curriculum modules are not available, but students may select one linguistics module offered by the Centre for Language and Communication Studies in place of one Italian Department option.

#### *Assessment*

#### *Pattern B*

Students sit two written examinations. Students submit essays, assignments and take tests depending on the module. Students also take an oral examination. All modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits comprising three compulsory modules, a dissertation and two optional modules. The length of the dissertation is between 12,000 and 15,000 words and it must be submitted by the Monday of the first week of Hilary teaching term.

##### *Assessment*

###### *Pattern B*

###### *Moderatorship part II – major subject*

Students sit three written examinations and submit a dissertation. Students submit one essay for each of the two optional modules taken. Students also take an oral examination. Detailed dissertation regulations are available from the department. All modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

#### **Jewish and Islamic civilisations**

Jewish and Islamic civilisations is the only degree of its kind offered in Ireland. Over the four years students choose from a range of topics which include: the history and cultures of the ancient Near East, the historical origins of Judaism and Islam, Jews and Muslims in the Medieval world, the modern challenges to these cultures and traditions and special topics such as the Jews of Ancient Egypt, Islam and gender, Holocaust studies, and Middle Eastern politics and human rights.

Important: Students in the Senior Freshman and Junior Sophister years follow the same course on a two-year cycle.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory, year-long modules carrying 10 credits each. There are compulsory field trips to museums, libraries, synagogues and mosques.

##### *Assessment*

Students sit three examinations. Students submit two essays as required by the module. Please refer to the Departmental undergraduate handbook for assessment details. Modules are weighted according to their credit values.

#### SENIOR FRESHMEN

Important: Students in the Senior Freshman and Junior Sophister years follow the same course on a two-year cycle.

##### *Content*

Students take modules to the value of 30 credits comprising six optional modules carrying 5 credits each or four optional modules carrying 5 credits each and one year-long language option of 10 credits. Students may also choose to take beginners Hebrew, Arabic or Turkish.

The Broad Curriculum is optional. Students may substitute a 5 credit module with a Broad

Curriculum module.

*Assessment*

Students sit examinations, submit essays, projects and make presentations as required for each module. Please refer to the Departmental undergraduate handbook for assessment details. Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

Important: Students in the Senior Freshman and Junior Sophister years follow the same course on a two-year cycle.

*Content*

Students take modules to the value of 30 credits comprising six optional modules carrying 5 credits each or four optional modules carrying 5 credits each and one year-long intermediate language option of 10 credits.

*Assessment*

*Pattern A and B*

Students sit examinations, submit essays, projects and make presentations as required for each module. Please refer to the Departmental undergraduate handbook for assessment details. Modules are weighted according to their credit values.

SENIOR SOPHISTERS

*Content*

Pattern A: Students take modules to the value of 30 credits comprising three optional modules carrying 10 credits each. The dissertation module is optional in pattern A and students should refer to the department for details on maximum word length. The dissertation must be submitted by the Wednesday of the eighth week of Hilary term.

Pattern B: Students take modules to the value of 60 credits comprising one compulsory module (dissertation) carrying 20 credits and four optional modules, carrying 10 credits each. Students should refer to the department for details on maximum word length for the dissertation and it must be submitted by the Wednesday of the eighth week of Hilary term.

*Assessment*

*Pattern A*

Students sit two examinations. Students also submit a dissertation (if relevant). Detailed dissertation regulations and examination requirements are available from the department. Modules are weighted according to their credit values.

*Pattern B*

*Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Students are also required to make oral presentations. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

**Latin**

This subject focuses on the detailed study of the literary, linguistic and historical aspects of the Latin classical authors, and includes general lectures on the political, social and cultural history of the Greek and Roman worlds. Genres include epic, historiography, drama, love poetry and satire. In the Senior Sophister year students are required to engage with special topics of considerable complexity and to write a dissertation. The exact content of the modules may vary from year to

year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the departmental handbook.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising four compulsory modules which carry either 5 or 10 credits each.

##### *Assessment*

Students sit three examinations. Students take written tests and submit essays depending on the module concerned. Modules are weighted according to their credit values.

##### *Special requirements*

Students must obtain a pass mark in Latin translation in order to pass their examination as a whole.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules and one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are available in the departmental handbook.

##### *Assessment*

Students sit three examinations. Students take written tests and submit essays depending on the modules concerned. Modules are weighted according to their credit values.

##### *Special requirements*

Students must obtain a pass mark in Latin translation in order to pass their examination as a whole.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules and one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are available in the departmental handbook.

##### *Assessment*

##### *Pattern B*

Students sit three examinations. They take written tests and submit essays depending on the module concerned. Modules are weighted according to their credit values.

##### *Special requirements*

Students must obtain a pass mark in Latin translation in order to pass their examination as a whole.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits comprising three compulsory modules and one optional module carrying either 10 or 20 credits each. The dissertation module is compulsory. The maximum length of the dissertation is 12,000 words and must be submitted on the first day of the tenth week of Hilary term.

### *Assessment*

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Students take written tests depending on the module concerned. Detailed dissertation regulations and guidelines are available in the departmental handbook.

Modules are weighted according to their credit values.

#### *Special requirements*

Students must obtain a pass mark in Latin translation in order to pass their examination as a whole.

### **Mathematics**

The subject of mathematics is designed to provide a grounding in a range of mathematical topics from the abstract to the applicable, and allows some specialisation in the Sophister years. All modules are offered subject to staff availability. The modules on offer are selected from those offered for the single honor course in mathematics. These modules are at three levels: introductory, intermediate and advanced. See FACULTY OF ENGINEERING, MATHEMATICS AND SCIENCE and the website of the School of Mathematics for more information.

#### JUNIOR FRESHMEN

Important: Students studying mathematics with economics also take modules on statistics within the economics component of the moderatorship course.

#### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules carrying either 5 or 10 credits each.

#### *Assessment*

Each module is assessed by means of continuous assessment during the year and/or an examination held in Trinity term. Module results are combined using the credit weightings of the modules.

#### *Special requirements*

All students are required to attend and satisfactorily complete a practical introduction to the use of computer facilities in the School of Mathematics.

#### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising six modules, four of which are compulsory. For students taking mathematics with economics, all six are compulsory. Modules carry 5 credits each.

#### *Assessment*

Each module is assessed by means of continuous assessment during the year and/or an examination held in Trinity term. Module results are combined using the credit weightings of the modules.

#### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising six modules. All are optional but for students taking mathematics with economics, two are compulsory. Modules carry 5 credits each.

The Broad Curriculum is optional, see school for details.

### *Prerequisites*

Individual modules usually have prerequisites (see school handbook for details).

### *Assessment*

#### *Pattern A and B*

Each module is assessed by means of continuous assessment during the year and/or an examination held in Trinity term. Module results are combined using the credit weightings of the modules.

#### SENIOR SOPHISTERS

Important: All students have a choice of modules at the intermediate and advanced level from those available for the single honor course in mathematics. Students must take modules amounting to at least half of the total credits at the advanced level.

### *Content*

Pattern A: Students take modules to the value of 30 credits comprised of three to six optional modules carrying 5, 10 or 15 credits each. The dissertation module is optional and must be submitted in the ninth week of Hilary term.

Pattern B: Students take modules to the value of 60 credits comprised of six to twelve optional modules carrying 5, 10 or 15 credits each. The dissertation module is optional but expected for pattern B students. The dissertation must be submitted in the ninth week of Hilary term.

### *Prerequisites*

Individual modules usually have prerequisites (see school handbook for details).

### *Assessment*

#### *Pattern A and B*

Each module is assessed by means of continuous assessment during the year and/or an examination held in Trinity term. For those submitting a dissertation an oral presentation is required before the end of Hilary term. (Detailed dissertation regulations are available from the school.) Module results are combined using the credit weightings of the modules.

## **Modern Irish**

See *Special requirements in modern languages*.

Modern Irish provides students with a training in the critical study of the language, literature and culture of Ireland and Gaelic Scotland from the thirteenth century down to modern times. A wide range of texts and authors in both Irish and Scottish Gaelic is studied and students are introduced to the basic skills of linguistic and literary analysis. A period of residence in the Gaeltacht is a requirement for the modern Irish course and students may also spend some time in Gaelic-speaking Scotland. The course is the same as the modern component of the single honors Moderatorship in Early and Modern Irish (see the relevant pages of the FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES section of this *Calendar* for full details).

#### JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules.

### *Assessment*

Students sit three examinations. Students submit two essays in one module and weekly assignments in another module as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules and one optional module.

The Broad Curriculum is available in place of one specified module, see departmental handbook for details.

### *Assessment*

Students sit two examinations. Students submit one assignment in each of two modules and weekly exercises in another. Students are also required to take an oral examination. All modules are weighted according to their credit values.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising four compulsory and two optional modules.

The Broad Curriculum is available in place of two modules.

### *Assessment*

#### *Pattern B*

Students sit four examinations and do assignments as specified in the departmental handbook. All modules are weighted according to their credit values.

## SENIOR SOPHISTERS

### *Content*

Pattern B: Students take modules to the value of 60 credits comprising eight compulsory modules. The dissertation module is compulsory. The dissertation has a maximum length of 10,000 words and must be submitted by the end of the ninth week of Hilary term.

### *Assessment*

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Detailed dissertation regulations are available from the department. All modules are weighted according to their credit values.

## **Music**

The honor curriculum of the Department of Music is primarily concerned with the study of western classical music in three principal areas: composition, musicology, and music technology. A few modules are shared between Junior and Senior Sophisters. Details about the modules are available in the departmental handbook.

## JUNIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising six compulsory modules carrying 5 credits each.

### *Assessment*

Students sit three examinations. Students submit exercises and essays depending on the module concerned. Students are also required to make twice-weekly aural presentations. Modules are weighted according to their credit values.



### *Special requirements*

Attendance, as laid out in College regulations, is compulsory in all modules. Penalty points will be applied for non-attendance as described in the departmental handbook.

SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising four compulsory and two optional modules carrying 5 credits each.

The Broad Curriculum is optional, see department for further details.

#### *Prerequisites*

Students must have taken particular modules in their Junior Freshman year. For details of these and specific module prerequisites, see departmental handbook.

#### *Assessment*

Students sit two examinations. Students submit exercises, assignments and essays, as required, depending on the module concerned. Students also make twice-weekly aural presentations. Modules are weighted according to their credit values.

#### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising modules of 5 or 10 credits each. There are two compulsory modules weighted at 5 credits each.

#### *Prerequisites*

Students must have taken particular modules in their Senior Freshman year in order to follow their chosen stream. For details see departmental handbook.

#### *Assessment*

##### *Pattern B*

The number of examinations depends upon modules chosen. In addition, students submit essays and other course work, which is dependent on the modules taken. Modules are weighted according to their credit values. See departmental handbook for further information.

#### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

SENIOR SOPHISTERS

#### *Content*

Pattern B: Students take modules to the value of 60 credits. Music has three streams, musicology, composition and music technology. Students take one compulsory module carrying 10 credits. Students may choose a stream module carrying 20 credits or alternatively a range of modules carrying 5 or 10 credits each. In addition, students take optional modules carrying 5 or 10 credits each. The deadline for submission of stream projects and the dissertation is the last day of the third week of Trinity term.

#### *Prerequisites*

Students must have taken particular modules in their Senior Freshman and Junior Sophister years in order to follow their chosen stream. For details see departmental handbook.

## *Assessment*

### *Pattern B*

#### *Moderatorship part II – major subject*

The number of examinations, essays and other course work is dependent on the modules chosen. Detailed dissertation/project/portfolio regulations are available from the department. Modules are weighted according to their credit values.

#### *Special requirements*

Penalty points will be applied for non-attendance as described in the departmental handbook.

## **Philosophy**

This subject introduces the central issues and figures in the western philosophical tradition. Among the issues addressed are metaphysics, epistemology, ethics, political philosophy, logic and philosophy of religion. In the Freshman years, the modules are compulsory, while a range of options is available in the Sophister years. In the Senior Sophister year, students are required to engage with specialised topics of considerable complexity and to write a dissertation. Exact content of the modules may vary from year to year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the student handbook.

### JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising four compulsory modules, two of 10 credits each and two of 5 credits each.

#### *Assessment*

Students sit four examinations. Assessment work differs for the different modules; see Departmental handbook for details. Modules are weighted according to their credit values.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising four compulsory modules, two of 10 credits each and two of 5 credits each.

The Broad Curriculum is optional. Students may substitute philosophy of science for a Broad Curriculum module or Broad Curriculum language module worth 5 credits but will have to do further assessment work in logic to increase its contribution to 10 credits. (See departmental handbook for further information.)

#### *Assessment*

Students sit four examinations. Assessment work differs for the different modules; see departmental handbook for details. Modules are weighted according to their credit values.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising three modules carrying 10 credits each.

#### *Assessment*

#### *Pattern A and B*

Students sit three examinations. Students submit two essays per module. Modules are

weighted according to their credit values.

SENIOR SOPHISTERS

#### *Content*

Pattern A: Students must take modules to the value of 30 credits. Students must take the dissertation module (15 credits) plus 15 additional module credits or the general paper (5 credits) plus 25 additional module credits. Student credits must be balanced across the two teaching terms. Students should consult the programme/departmental handbook for details of available modules and for details regarding the length and date of submission of the dissertation.

Pattern B: Students must take modules to the value of 60 credits comprising two compulsory and six optional modules. The dissertation module (15 credits) and the general paper module (5 credits) are compulsory. Students should consult the programme/departmental handbook for details of available modules and for details regarding length and date of submission of the dissertation.

#### *Assessment*

Pattern A: Detailed regulations regarding the dissertation and assessment and examination requirements for research seminars are available from the department.

Modules are weighted according to their credit values.

Pattern B: Moderatorship part II – major subject

Detailed regulations regarding the dissertation and assessment and examination requirements for research seminars are available from the department.

Modules are weighted according to their credit values.

### **Psychology**

Psychology within the two-subject moderatorship course is identical with certain sections of the single honor course in psychology. In the Freshman years, two-subject moderatorship students follow specified modules covering all of the principle areas of psychology. In the Sophister years, more advanced course work is undertaken. It is necessary to complete satisfactorily the four years of the subject in order to qualify for graduate membership of the Psychological Society of Ireland. All modules are offered subject to staff availability and timetabling constraints.

JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules carrying either 5 or 10 credits each.

#### *Prerequisites*

Prerequisites are specified for each module. Please consult module outlines on [www.my.tcd.ie](http://www.my.tcd.ie).

#### *Assessment*

Students sit three examinations, some may be multiple choice. Continuous assessment, which may include reports, essays and tests, is required in some modules. Other modules are assessed by examination only. Modules are weighted according to their credit values.

#### *Special requirements*

Students are required to attend tutorials, seminars and practical classes and to complete all course work/continuous assessment requirements for all modules.

Certain foundation modules not taken in the Junior Freshman year must be taken in the Senior Freshman year in order to satisfy professional course requirements.

For details on the requirements for progression, and compensation of failed modules, please refer to the School of Psychology undergraduate student handbook.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules carrying either 5 or 10 credits each.

### *Prerequisites*

Prerequisites are specified for each module. Please consult module outlines on [www.my.tcd.ie](http://www.my.tcd.ie).

### *Assessment*

Students sit three examinations, some of which may be multiple choice. Continuous assessment, which may include reports, essays and tests, is required in some modules. Other modules are assessed by examination only. Modules are weighted according to their credit values.

### *Special requirements*

Students are required to attend tutorials, seminars and practical classes and to complete all course work/continuous assessment requirements for all modules.

Certain foundation modules not taken in the Junior Freshman year must be taken in the Senior Freshman year in order to satisfy professional course requirements.

For details on the requirements for progression, and compensation of failed modules, please refer to the School of Psychology undergraduate student handbook.

## JUNIOR SOPHISTERS

Students should note that module requirements in the Sophister years may differ depending on whether the student is majoring or minoring in psychology.

### *Content*

Students take modules to the value of 30 credits.

Modules carry either 5 or 10 credits each.

The Broad Curriculum is optional; see School of Psychology for further details.

### *Assessment*

#### *Pattern B*

Students sit examinations, submit assignments, essays and take tests dependent upon the modules taken. Modules are weighted according to their credit values.

### *Special requirements*

Over the two Sophister years, students take one module from each required area. In addition, the module requirements for students minoring in psychology in the Junior Sophister year are different than the module requirements for students majoring in the Senior Sophister year. See School of Psychology undergraduate student handbook for details.

## SENIOR SOPHISTERS

### *Content*

Students take modules to the value of 60 credits comprising eight modules in total; three compulsory (including the dissertation module) and five optional. Modules carry 5, 10 or 20 credits each. The maximum length of the dissertation is 6,000 words overall including a maximum of 2,000 words for the introduction. The dissertation must be submitted by the Monday of the eighth week of Hilary term.

## *Assessment*

### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit six examinations and submit a dissertation. Students will also be required to complete continuous assessment work for each of the optional modules read and for the advanced academic skills module. The theoretical issues module is assessed by continuous assessment only. For detailed dissertation information see School of Psychology undergraduate student handbook. Modules are weighted according to their credit values.

#### *Special requirements*

Over the two Sophister years, students must take one module from each required area. See School of Psychology undergraduate student handbook for details.

## **Russian**

This subject provides students with a thorough grounding in Russian, leading to a high standard of fluency in the language both written and spoken, and a wide knowledge of major aspects of Russian literature, culture and society. The development of skills in reading, critical analysis and argumentation forms an integral part of the subject. Language instruction forms the backbone of the teaching programme leading to a high level of competence in the four basic linguistic skills of listening, speaking, reading and writing. In the final year, there is special emphasis on refining and developing methods of critical enquiry and research, including the preparation of a dissertation.

### JUNIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

#### *Assessment*

Students sit two written examinations. Students submit essays and other forms of written assessment throughout the year. In addition, students take an oral and an aural examination. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern languages*.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

#### *Assessment*

Students sit two examinations. Students submit essays and other forms of written assessment throughout the year. In addition, students take an oral and an aural examination. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern languages*.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits comprising two compulsory modules and two optional modules.

Students may take a Broad Curriculum module (see departmental handbook for further details).

#### *Assessment*

##### *Pattern B*

Students sit two examinations. Students submit essays and other forms of written assessment throughout the year as specified in the departmental handbook. Students are also required to take an oral examination. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern languages*.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits comprising three compulsory modules, a dissertation, and optional modules. The dissertation has a maximum length of 10,000 words.

#### *Assessment*

##### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit two examinations and sit other examinations depending on the modules taken (see departmental handbook for specific assessment requirements of modules), and also submit a dissertation. Students submit essays and other forms of assessment throughout the year and also take an oral examination. Detailed dissertation regulations are available from the department. All modules are weighted according to their credit values.

#### *Special requirements*

See *Special requirements in modern language*.

#### **Sociology**

Sociology within the two-subject moderatorship course involves studying a variety of specialised areas alongside modules in social theory and research methods. In the Junior Freshman year, students take sociology as part of an introduction to social science that includes modules on economic policy and on politics. In the Senior Freshman year, there are three specified modules, including an introduction to research methods. In the Sophister years, students can choose among specialist area modules, as well as modules in theory and methods that are taken in the Junior Sophister year, and an individual dissertation that is completed in the Senior Sophister year. The dissertation forms an important part of the work of those continuing with sociology into final year through pattern B, and is an independent piece of research carried out under the supervision of one of the lecturers in sociology.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules accounting for 10 credits each. Students taking sociology and economics have different requirements, see departmental handbook for details.

#### *Assessment*

Students sit three examinations. Students submit one essay per module. Modules are weighted according to their credit values.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules carrying 10 credits each.

The Broad Curriculum is optional. Students may take two Broad Curriculum/language modules in place of one sociology module.

### *Assessment*

Students sit three examinations. Students submit a range of course work as required for each module. Modules are weighted according to their credit values.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising three optional modules carrying 10 credits each.

### *Assessment*

#### *Pattern A and B*

Students sit three examinations. Students submit a range of course work as required for each module. Modules are weighted according to their credit values.

## SENIOR SOPHISTERS

### *Content*

Pattern A: Students take modules to the value of 30 credits comprising two optional modules carrying 15 credits each. The dissertation module is optional and details regarding the length of the dissertation and date of submission can be found in the Sociology undergraduate handbook.

Pattern B: Students take modules to the value of 60 credits comprising one compulsory module (dissertation) and three optional modules carrying 15 credits each. Details regarding the length of the dissertation and date of submission can be found in the Sociology undergraduate handbook.

### *Assessment*

#### *Pattern A*

Students sit two examinations, except for students taking the dissertation module, who sit one examination. Students submit a range of course work as required for each module, excluding the dissertation module. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit three examinations and submit a dissertation. Students submit a range of course work as required for each module, excluding the dissertation module. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

## **Spanish**

See *Special requirements in modern languages*.

This subject introduces students to a wide range of topics, covering the principal areas of Spanish and Spanish-American literature: medieval, Golden Age, modern and contemporary. Also offered are modules in history, culture and society. Literature modules are usually

generally based, although a wide range of thematically based modules are available in the Senior Sophister year. Complete beginners are admitted and receive additional tuition. Language instruction focuses on developing a high level of proficiency in listening, speaking, reading, writing, and translation. Special emphasis is given to cultivating skills in analytical and critical enquiry. In the final year (Senior Sophister) students write a dissertation of between 10,000 and 15,000 words on a topic of their own choice.

#### JUNIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules.

##### *Assessment*

Students sit four written examinations. Students submit three assignments as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

##### *Special requirements*

See *Special requirements in modern languages*.

#### SENIOR FRESHMEN

##### *Content*

Students take modules to the value of 30 credits comprising five compulsory modules. Students may take a linguistics option with the Centre for Language and Communication Studies or a Broad Curriculum module (see departmental handbook for further details).

##### *Assessment*

Students sit two written examinations. Students submit four assignments as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

##### *Special requirements*

See *Special requirements in modern languages*.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits comprising three compulsory modules and two optional modules.

##### *Assessment*

##### *Pattern B*

Students sit two written examinations. Students submit three assessment essays as specified in the departmental handbook. In addition, students are required to take an oral examination. All modules are weighted according to their credit values.

##### *Special requirements*

See *Special requirements in modern languages*.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits comprising four compulsory and two optional modules. The dissertation module is compulsory. The dissertation has a length of 10,000 to 15,000 words and must be submitted by the Monday of the twelfth week of Hilary term.



*Assessment*

*Pattern B*

*Moderatorship part II – major subject*

Students sit five examinations and submit a dissertation. In addition, students are required to take oral and *viva voce* examinations. Detailed dissertation regulations are available from the department. All modules are weighted according to their credit values.

*Special requirements*

See *Special requirements in modern languages*.

**World religions and theology**

This subject comprises the study of religion both as a cultural force that influences worldviews, practices, and institutions, and as distinct traditions; the monotheistic religions of Judaism, Christianity and Islam, and the religions of Asia and Africa. It studies in a non-denominational setting the contexts of origin of biblical texts and the histories of their theological and ethical interpretation which have shaped Western religious and cultural history since antiquity. Foundational texts, practices, and transformations in the self-understandings of the major world religions as well as current interactions are treated through a variety of methods and approaches.

Important: Students in the Senior Freshman and Junior Sophister years follow the same course on a two-year cycle.

JUNIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits comprising six compulsory, one-semester modules carrying 5 credits each.

*Assessment*

Students sit three annual examinations and submit one essay or a combination of other forms of written assessment per module as specified in the departmental handbook. Modules are weighted according to their credit values.

SENIOR FRESHMEN

*Content*

Students take modules to the value of 30 credits which normally comprise six optional, one-semester modules carrying 5 credits each.

Optional language modules are also available and carry 10 credits over two semesters.

The Broad Curriculum is optional. Students may replace a 5 credit module with a Broad Curriculum module.

*Assessment*

Students sit three annual examinations and submit one essay or a combination of other forms of written assessment per module as specified in the departmental handbook. Modules are weighted according to their credit values.

JUNIOR SOPHISTERS

*Content*

Students take modules to the value of 30 credits which normally comprise six optional, one-semester modules, carrying 5 credits each.

Optional language modules are also available and carry 10 credits over two semesters.

### *Assessment*

#### *Pattern A and B*

Students sit three annual examinations and submit one essay or a combination of other forms of written assessment per module as specified in the departmental handbook. Modules are weighted according to their credit values.

SENIOR SOPHISTERS

#### *Content*

Pattern A: Students take modules to the value of 30 credits comprising a compulsory module (dissertation) carrying 10 credits and two optional seminar modules carrying 10 credits each. The maximum length of the dissertation is 7,500 words and must be submitted by the Wednesday of the tenth week of Hilary term.

Pattern B: Students take modules to the value of 60 credits comprising one compulsory module (dissertation) carrying 20 credits and four optional seminar modules, carrying 10 credits each. The maximum length of the dissertation is 15,000 words and it must be submitted by the Wednesday of the tenth week of Hilary term.

### *Assessment*

#### *Pattern A*

Students sit two examinations, submit essays, give oral presentations as required and submit a dissertation. Detailed dissertation regulations and requirements are available from the department. Modules are weighted according to their credit values.

#### *Pattern B*

#### *Moderatorship part II – major subject*

Students sit four examinations and submit a dissertation. Students are also required to give oral presentations in the four optional seminar modules. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

<b>Table of permitted subject combinations</b>	Ancient history and archaeology	Catholic theological studies	Classical civilisation	Drama studies	Early Irish	Economics	English literature	Film studies	French	Geography	German	Greek	History	History of art and architecture	Italian	Jewish and Islamic civilisations	Latin	Mathematics	Modern Irish	Music	Philosophy	Psychology	Russian	Sociology	Spanish	World religions and theology
Ancient history and archaeology						B		B				B	B	B	B	B									B	B
Catholic theological studies					B								B						B		B					
Classical civilisation			B				B	B				B	B	B	B	B	B		B		B		B	B	B	B
Drama studies		B				B	B	B			B	B		B	B		B		B	B			B	B	B	
Early Irish	B												B	B		B	B									B
Economics										*	*		B					*			*	B	B	*	B	B
English literature	B	B	B				B	B			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Film studies			B				B	B			B			B	B				B	B			B		B	B
French	B	B	B				B	B			B		B	B	B	B	B	B	B	B	B	B	B	B	B	B
Geography					*					*		*						*			*	B		*		
German			B		*	B	B	B	*				B	B	B	*		B	B		B		B	B	B	*
Greek	B	B	B				B						B		B	B					B		B	B	B	B
History	B	B	B		B	B	B		B	*	B	B		B	B	B	B		B	B	B	B	B	B	B	B
History of art and architecture	B	B	B	B			B		B		B		B		B	B	B			B	B			B	B	B
Italian	B	B	B	B			B	B	B		B	B	B	B			B		B		B	B	B	B	B	B
Jewish and Islamic civilisations	B	B		B			B	B	B	*	B	B	B			B			B		B	B	B	B	B	B
Latin	B	B	B	B			B	B					B	B	B	B			B		B	B	B	B	B	B
Mathematics					*	B	B	*	B											B	*	B				
Modern Irish	B	B	B				B	B	B		B		B		B	B	B			B	B		B	B	B	B
Music			B				B	B	B				B	B					B	B		B	B			
Philosophy	B	B			*	B	B	*	B	B	B	B	B	B	B	B	*		B	B	B	B	*			B
Psychology						B	B		B	B				B	B				B	B	B			B		B
Russian	B	B	B		B	B	B	B		B	B	B		B	B	B			B		B				B	B
Sociology			B		*	B	B	*	B		B	B	B	B	B	B			B		*	B			B	B
Spanish	B	B	B		B	B	B	B		B	B	B	B	B	B	B			B				B	B		B
World religions and theology	B	B	B			B	B	B		*	B	B	B			B			B		B	B	B	B	B	B

**Note**

Pattern A: = both subjects are studied for four years.

Pattern B: = both subjects are studied for three years and only one subject in the fourth year.

B = May be studied under pattern B.

\* = May be studied under either pattern A or pattern B.

# *Faculty of Arts, Humanities and Social Sciences*

## *I GENERAL FACULTY REGULATIONS<sup>1</sup>*

### *Degrees, diplomas and certificates*

1 The faculty provides courses leading to the following degrees: Bachelor in Arts (Moderatorships in Ancient and Medieval History and Culture (see VI below), in Catholic Theological Studies (see XI below), in Classics (see VI below), in Computer Science and Business (see II below), in Computer Science and Language (see XV below), in Drama and Theatre Studies (see III below), in Early and Modern Irish (see VII below), in Economic and Social Studies (see II and XII below), in English Studies (see V below), in European Studies (see VII below), in History (see VI below), in History and Political Science (see VI below), in Irish Studies (see XVI below), in Music (see III below), in Philosophy (see XII below), in Philosophy and Political Science<sup>2</sup> (see XII below), in Philosophy, Political Science, Economics and Sociology (see XII below), in Political Science and Geography (see XII below), in Psychology (see X below), in Sociology and Social Policy (see XIV below), in World Religions and Theology (see XI below) (B.A. with honors), Bachelor in Arts (B.A.), Bachelor in Acting (B.Histr.), Bachelor in Business Studies (B.B.S.) (see II and XII below), Bachelor in Business Studies and a Language (B.B.S. (Lang.)) (see II and XII below), Bachelor in Deaf Studies (B.St.Su.) (see IX below), Bachelor in Laws (LL.B.) (see VIII below), Bachelor in Laws and French (LL.B. (Ling. Franc.)) (see VIII below), Bachelor in Laws and German (LL.B. (Ling. Germ.)) (see VIII below), Bachelor in Laws and Business (LL.B. (B.S.)) (see VIII below), Bachelor in Laws and Political Science (LL.B. (Pol. Sc.)) (see VIII below), Bachelor in Music Education (B.Mus.Ed.) (provided by the School of Education in association with the DIT Conservatory of Music and Drama and the Royal Irish Academy of Music) (see IV below), Bachelor in Science (Clinical Speech and Language Studies (B.Sc. (Clin. Lang.)) (see IX below), Bachelor in Social Studies (B.S.S.) (see XIII below).

In addition, the faculty provides courses leading to Moderatorships in Ancient History and Archaeology, in Classical Civilisation, in Drama Studies, in Early Irish, in Economics, in English Literature, in Film Studies, in French, in German, in Greek, in History, in History of Art and Architecture, in Italian, in Jewish and Islamic Civilisations, in Latin, in Modern Irish, in Music, in Philosophy, in Psychology, in Russian, in Sociology, in Spanish or in World Religions and Theology combined with one other subject. For regulations see TWO-SUBJECT MODERATORSHIP COURSES.

The faculty provides an undergraduate diploma course in the history of European painting (see VI below), a professional diploma course in stage management and technical theatre and a diploma in acting and theatre (see III below).

The faculty also provides a Certificate in Contemporary Living (see IV below).

A Certificate in Holocaust Education is awarded by Trinity College Dublin to students successfully completing the part-time course offered by the Holocaust Educational Trust of Ireland.

### *Fees*

2 See COLLEGE CHARGES.

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<sup>1</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION; students in the faculty who are reading two-subject moderatorship courses should also read GENERAL REGULATIONS FOR TWO-SUBJECT MODERATORSHIP COURSES.

<sup>2</sup>The final Junior Freshman intake to this course was in September 2011.

### *Admission*

3 Applications for admission from E.U. applicants to the courses for these degrees should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Non-E.U. applicants should apply online direct to Trinity College Dublin by 1 February of the proposed year of entry. For further information see <https://www.tcd.ie/study/non-eu/undergraduate/>.

4 Applicants must satisfy the admission requirements of the University, together with any special requirements for entry into particular courses in the faculty; see ADMISSION REQUIREMENTS.

### *Abridgement of course*

5 Where places are available students may be permitted to abridge their course, if, in the opinion of the appropriate head(s) of school(s), director(s) of undergraduate teaching and learning, head(s) of department(s) or course director, they are qualified by their knowledge and attainment to do so, or by passing specified examinations. Applicants must pay a fee before presenting themselves for examination (see COLLEGE CHARGES). Applications for permission to abridge any course should be made through the Academic Registry in the first instance.

### *Academic progress*

6 To gain credit for the academic year and rise with their class, students must (a) attend satisfactorily the lectures given in the subjects of their course each term as required by the University Council and the school or course committee concerned, (b) perform satisfactorily the prescribed exercises (essay, tutorial or practical work), and (c) pass, in accordance with the course regulations, the prescribed examinations, see GENERAL REGULATIONS AND INFORMATION.

Students are normally required to take modules totalling 60 ECTS credits in each year of their course.

### *Examinations*

7 Single and joint honor examinations are held in Trinity term, except where an indication to the contrary is given. In most courses supplemental examinations will be held in the Freshman years, and in some courses in the Junior Sophister year, in the succeeding Michaelmas term.

In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the assessment methods may differ. In non-degree years, whilst passing marks are not capped at the supplemental session, a student's overall end of year result will be recorded as 'pass at supplemental'. However, where assessments count towards an award, any assessment component in which a student supplements will be capped at 40 per cent.

8 The examination for the degree of B.A. with honors is called the moderatorship examination and is taken at the end of the Senior Sophister year. It is held on only one occasion annually. There are no supplemental examinations. Students unavoidably absent from the moderatorship examination may apply to the Senior Lecturer to present themselves for the moderatorship examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with their school, department or course office before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books. In some courses, moderatorship is divided into two parts, a Junior Sophister honor examination counting as the first part.

9 Examination regulations for the following degree courses are shown under the relevant course entries: acting; business studies; business studies and a language; clinical speech and language studies; deaf studies; law; law and German; law and French; law and business; law and political science; music education; social studies.

10 In special circumstances students who have completed an honor course may, with the approval of the school or course committee, be permitted by the Senior Lecturer to defer their moderatorship examination for one year.

11 Successful candidates at honor and moderatorship examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

12 Students who have failed to obtain a moderatorship may nevertheless be awarded the ordinary B.A. degree on their answering at the examination provided that a special recommendation to that effect is made to the Senior Lecturer by the court of examiners concerned.

13 Moderators in one subject may, on conditions laid down by the Senior Lecturer and the school or course committee concerned, be permitted to present themselves for a moderatorship in another subject.

14 Students who have failed to obtain a moderatorship but have been allowed the B.A. degree, as provided in §12 above, may be permitted to present themselves for a moderatorship in a different subject, on conditions laid down by the Senior Lecturer and the school or department committee concerned.

15 In some courses students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University. Where this is possible it is stated in the course entries below.

#### *Foundation scholarship*

16 Students intending to present themselves for this examination should see FOUNDATION SCHOLARSHIPS.

#### *Repetition of year*

17 Students who in any year have failed to satisfy any one or more of the conditions defined in §6 will not, except as provided in GENERAL REGULATIONS AND INFORMATION, receive credit for the year. The relevant court of examiners may permit them to repeat the year, if they are entitled to do so (see GENERAL REGULATIONS AND INFORMATION), or may exclude them from the course. Permission to repeat the year will normally be granted only to students whom the relevant court of examiners considers to have made a serious attempt at their examinations and normally pertains to repeating the year in full. Students have the right to appeal to the relevant court of first appeal.

#### *Transfer of course*

18 Students may apply through their tutor, using the standard form available, to the Senior Lecturer for permission to transfer to another course; see GENERAL REGULATIONS AND INFORMATION.

#### *Gold medals and prizes*

19 Gold medals are awarded by the Board to candidates of the first class who have shown exceptional merit at the annual degree examination in honor or professional courses (see <https://www.tcd.ie/academicregistry/exams/prizes/>).

20 Various studentships, scholarships, exhibitions, and other prizes are awarded to students on the results of honor and other examinations, provided that sufficient merit is shown. Monetary awards are sent direct to prize-winners unless otherwise stated under the regulations for the particular prize. For details see PRIZES AND OTHER AWARDS (see also MISCELLANEOUS AWARDS).

21 At the annual examinations a book prize is awarded to each candidate obtaining an overall first class honors grade in an honor course. These prizes are not awarded in the Senior Sophister or final year.

These prizes, which are issued in the form of vouchers, can be exchanged by the student at designated booksellers. Book prizes may be collected from the Academic Registry by the award holder in person.

## *II TRINITY BUSINESS SCHOOL*

The Trinity Business School offers the degree of Bachelor in Business Studies. The school also offers the Moderatorship in Economic and Social Studies in conjunction with the School of Social Sciences and Philosophy, the degree of Bachelor in Business Studies and a Language in conjunction with the School of Languages, Literatures and Cultural Studies and the degree of Bachelor in Laws and Business in conjunction with the School of Law. In conjunction with the School of Computer Science and Statistics the school offers the Moderatorship in Computer Science and Business.

### MODERATORSHIP IN ECONOMIC AND SOCIAL STUDIES

Please refer to the full entry in the School of Social Sciences and Philosophy.

### DEGREE OF BACHELOR IN LAWS AND BUSINESS (LL.B. (B.S.))

Please refer to the full entry in the School of Law.

### MODERATORSHIP IN COMPUTER SCIENCE AND BUSINESS

Please refer to the full entry in the Faculty of Engineering, Mathematics and Science, Section II.

### DEGREE OF BACHELOR IN BUSINESS STUDIES

1 The Bachelor in Business Studies is currently available through the 'B.E.S.S.' programme (see School of Social Sciences and Philosophy, §7 below). From 2016/17 onwards, the Trinity Business School will offer a denominated course in business studies which will also lead to the degree of Bachelor in Business Studies.

### DEGREE OF BACHELOR IN BUSINESS STUDIES AND A LANGUAGE

#### *Introduction*

2 This course is organised by the Trinity Business School in co-operation with the School of Languages, Literatures and Cultural Studies and its relevant language departments. It aims to provide its graduates with the knowledge and skills necessary to work and communicate internationally and to understand the social, political and cultural contexts of markets, organisations and management across countries. The course, which is of four years' duration with the Junior Sophister year spent abroad, comprises modules in business, economic and social studies together with the study of one language and its associated society, institutions, culture and civilisation.<sup>3</sup>

The ECTS credits for each year of the course are as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister (year abroad); Senior Sophister 60 credits.

Students are required to complete the compulsory modules for their course and to take the required number of elective modules from those offered in the relevant year. In any year, the range of elective modules offered may be limited by staff availability and certain combinations of elective modules may not be available because of timetabling constraints.

#### *Examinations*

3 To rise with their class, students must (a) pass the Junior Freshman examination, (b) pass the Senior Freshman examination, and (c) be placed in the Junior Sophister examination in either

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<sup>3</sup>Students may be permitted to take a second foreign language during their year abroad.

the first or second class. The examination for the Bachelor in Business Studies and a Language degree is held at the end of the Senior Sophister year.

Successful candidates at the Junior Freshman, Senior Freshman and Junior Sophister examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. (For the degree examinations see below). Students who do not appear as published on their student portal, my.tcd.ie, should contact their tutor to discuss their position as soon as possible after the results are known.

The ECTS value of each year of each course is 60 credits.

To pass each of the Freshman years students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module. The designation of certain modules, or module components, as non-compensatable and/or the size of modules may reduce the level of compensation permitted in any year. Students in the Freshman years who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

To pass the Junior Sophister year, which is taken abroad under the ERASMUS and other exchange programmes, students must meet the conditions of their learning agreement and fulfil the academic and assessment requirements of their host institution. The availability of supplemental examinations is subject to the practice of the host university. Subject to the discretion of the court of examiners, arrangements will normally be made for students who fail the year abroad to repeat the year in Trinity College. Permission to take supplemental examinations will normally be granted only to students whom the court of examiners considers to have made a serious attempt at the annual examinations.

Candidates who are unsuccessful at the supplemental examinations may, at the discretion of the court of examiners, be permitted to repeat the year. Permission will normally be granted only where candidates have made a serious attempt at both the annual and the supplemental examinations.

Candidates who are considered not to have made a serious attempt at their examinations, whether annual or supplemental, are normally excluded from the course.

#### 4 Junior Freshmen

##### *Modules*

##### A. BUSINESS

- EC1030 Mathematics and statistics
- EC1040 Introduction to economic policy
- BU1510 Introduction to organisation and management

##### B. LANGUAGE: FRENCH, GERMAN, POLISH, RUSSIAN, SPANISH

- FR1040 French language I (written, oral and aural)
- FR1050 *Civilisation* I (French society and economy)
- GR1000 German language I (written, oral and aural)
- GR1015 German business and area studies
- RUF104 Russian language for beginners I (written, oral and aural)
- RUF114 Russian language for advanced speakers
- RUF603 Introduction to Central, East European and Russian area studies
- PLF104 Polish language for beginners I (written, oral and aural)
- PLF114 Polish language for advanced speakers
- PLF606 Introduction to Central, East European and Russian area studies
- SP1019 Spanish grammar and syntax I (written, oral and aural)



SP1015 Introduction to modern Spain

C. OPTIONAL MODULES

SO1311 Introduction to sociology  
PO1603 Politics and Irish society  
LA1240 Introduction to law  
GR1011 Introduction to German literature  
RUF506 Russian cultural studies I

*Regulations*

5 Students must take the three modules listed under business – EC1030, EC1040, BU1510 – and the designated language/*civilisation* modules in their chosen language. Students must take one further module from the list of optional modules – either SO1311, PO1603, LA1240 or, where available, the optional module in their chosen language. The availability of optional language modules is subject to timetable constraints. Students are assessed on their work done during the year and on their results in an examination in Trinity term. Students must take the Junior Freshman examination in each of the business and language components. Language modules are examined by a combination of continuous assessment and/or by end of year examinations. In the language area, students must satisfy the examiners with respect to both oral and aural assessments and written examinations. Students taking Russian or Polish take either RUF104 or RUF114 or PLF104 or PLF114 according to their level of proficiency and are examined separately. Modules are weighted according to their credit values.

Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

6 **Senior Freshmen**

*Modules*

A. BUSINESS

EC2010 Intermediate economics  
EC2020 The economy of Ireland  
EC2040 Mathematical and statistical methods  
SO2310 Introduction to social research  
SO2330 European societies (prerequisite SO1310)  
PO2610 History of political thought (prerequisite PO1600)  
PO2640 International relations (prerequisite PO1600)  
PO2650 Comparative politics (prerequisite PO1600)  
BU2510 Organisational behaviour  
BU2520 Principles of marketing  
BU2530 Introduction to accounting  
BU2550 Introduction to finance  
BU2560 Introduction to operations management  
BU2570 Creative thinking, innovation and entrepreneurial action

B. LANGUAGE: FRENCH, GERMAN, POLISH, RUSSIAN, SPANISH

FR2041 French language II (written, oral and aural)  
FR2040 *Civilisation* II (political institutions; business management)  
GR2000 German language II (written, oral and aural)  
GR2013 German business and cultural history  
RUF207 Russian language II (written, oral and aural)  
RUF214 Russian language for advanced speakers  
RUF703 Russian area studies II (Russian society and institutions)  
PLF207 Polish language II (written, oral and aural)  
PLF214 Polish language for advanced speakers

- PLF703 Polish area studies II (Polish society and institutions)
- SP2024 Spanish grammar and syntax II (written, oral and aural)
- SP2025 Contemporary Spanish life and culture

#### *Regulations*

7 Students must take six modules – BU2510, BU2520, BU2530, BU2550, BU2560, BU2570, one further module from the list of 'A' modules above and the two designated modules in their language area. Senior Freshmen are assessed on their work during the year and on their results in the examination held in Trinity term. The examination of modules consists of a combination of continuous assessment and end of year examinations. Students taking Russian or Polish take either RUF207 or RUF214 or PLF207 or PLF214 according to their level of proficiency and are examined separately. In the language area, students must satisfy the examiners with respect to both oral and aural assessments and written examinations. Modules are weighted according to their credit values.

Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

### 8 Junior Sophisters

#### *Modules*

The Junior Sophister year is spent following approved modules in business studies and language for special purposes at a target-language university or recognised third-level business school.

During their year abroad, students will normally be required to undertake a relevant work experience placement of a minimum duration of two months in an approved organisation or institution.

Students should also select a business/commercial organisation for their final year case study and begin to collect relevant primary data and material during their year abroad.

#### *Regulations*

9 To progress to the Senior Sophister year students must obtain the equivalent of an overall credit-weighted average mark of 50 per cent (grade of second class (second division) or better) in respect of the year abroad. Subject to the discretion of the court of examiners, arrangements will normally be made for students who fail the year abroad to repeat the year in Trinity College. Students given such permission will be required to take 40 credits in business and 20 credits in the language.

Students who have passed the Junior Sophister year may have the ordinary degree of B.A. conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year.

### 10 Senior Sophisters

#### *Modules<sup>4</sup>*

#### A. BUSINESS

- BU4501 Strategic management: theory and practice
- BU4511 International business and the global economy
- BU4522 Exploring organisational experiences
- BU4530 Financial reporting and analysis
- BU4541 Financial markets and the corporate sector (prerequisite EC2010)
- BU4550 Advances in marketing theory and practice
- BU4580 Managing new product development (prerequisite BU2541b)
- BU4620 Social entrepreneurship and social innovation: organisation and management
- BU4630 Economic policy and business history

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<sup>4</sup>Some of these options may not be available in a particular year.

## B. LANGUAGE

- FR4050 French business communication IV (a) (writing skills including translation)
- FR4051 French business communication IV (b) (oral, aural and presentation skills)
- GR4015 German business communication IV (a) (intercultural business communication; translation)
- GR4001 German business communication IV (b) (rhetoric)
- RUS207 Russian business communication IV (a) (oral and writing skills including translation)
- RUS604 Russian business communication IV (b) (contemporary Russian society; aural and presentation skills)
- PLS207 Polish business communication IV (a) (oral and writing skills including translation)
- PLS604 Polish business communication IV (b) (contemporary Polish society; aural and presentation skills)
- SP4023 Spanish business communication IV (a) (writing skills including translation)
- SP4024 Spanish business communication IV (b) (oral, aural and presentation skills)
- FR4052 Case study project
- GR4013 Case study project
- RUS907 Case study project
- PLS907 Case study project
- SP4022 Case study project

### *Regulations*

11 Students must follow four modules – BU4501 and one of BU4511-BU4630 and the two elements of their relevant language. They must also research and write up a major case study project to be submitted not later than the Friday of the eighth week of Hilary term. Students must write their case study project in the relevant foreign language.

The examination of 'A' modules consists of a 3-hour paper in each module. The examination of 'B' modules consists of written language examinations together with oral and/or aural examinations and continuous assessment. Students must pass the business, language and case study components of the examination. In the language area, students must satisfy the examiners in written, oral and aural proficiency.

Modules are weighted according to their credit values. To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable and/or module credit weightings may reduce the level of compensation or aggregation permitted. There are no supplemental examinations in the Senior Sophister year.

The examination for the Bachelor in Business Studies and a Language is held on only one occasion annually – in Trinity term. Students unavoidably absent from these examinations may apply to the Senior Lecturer to present themselves for the equivalent examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with the relevant school/department(s) and the course office before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books.

At the examination for the Bachelor in Business Studies and a Language successful candidates are placed in three classes: first class honors, second class honors (with two divisions, first and second) and third class honors.

### III SCHOOL OF DRAMA, FILM AND MUSIC

The School of Drama, Film and Music comprises the Departments of Drama and Music. The school offers a single honor course in drama and theatre studies, a single honor course in music, a degree of Bachelor in Acting as described below and three subjects, drama studies, film studies and music as part of the two-subject moderatorship courses (for details see TWO-SUBJECT MODERATORSHIP COURSES). The school also offers a professional diploma in stage management and technical theatre and a diploma in acting and theatre as described below.

#### DEPARTMENT OF DRAMA

##### MODERATORSHIP IN DRAMA AND THEATRE STUDIES

Drama and theatre studies combine elements of literary, historical, cultural, theoretical, and film and new media studies with a practical understanding of performance to train students as scholars and artists of the theatre.

Sophister modules do not have final written examinations. Because practical modules rely upon group learning which is not recoverable by individual student study, the department may specify in course handbooks attendance regulations more rigorous than those governed by normal College rules. In the case of unexcused absences, students who fail to meet the attendance requirements for one designated module will be returned as non-satisfactory for the term.

The Freshman years of the course introduce students to a wide variety of historical and theoretical concepts and are seen as foundation years. In any year the range of modules may be limited by staff availability. A range of module units allows Sophister students to take modules in both historical and theoretical fields of theatre studies as well as practical aspects of professional theatre. The ECTS value of each year is 60 credits.

In view of the international and often cross-disciplinary nature of the subject, students are entitled to avail of ERASMUS and other exchanges in Europe and the U.S.A. during their Junior Sophister year.

Students are expected to purchase copies of designated core texts in the field, and to attend specified theatre productions in Dublin as assigned. Reading lists and details of individual modules are available from the departmental office in the Samuel Beckett Centre.

To pass each of the Freshman years of the course students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

To pass each of the Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits either by (a) passing all modules outright or (b) passing by compensation or by aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 40 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. Compensation will be permitted in modules totalling a maximum of 20 credits provided that a minimum mark of 30 per cent has been attained in any failed module(s). Further, passing by aggregation will be permitted if a mark of less than 30 per cent has been achieved in one or more failed modules carrying up to a maximum of 10 credits provided that a mark of at least 30 per cent has been achieved in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or

aggregation permitted in either Sophister year. There are no supplemental examinations in the Sophister years.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### **Junior Freshmen**

#### *Lectures, seminars and workshops*

- 1 Theatre history
- 2 Performance studies
- 3 Performance module
- 4 Introduction to performing I
- 5 Technical theatre
- 6 Contemporary performance research
- 7 Study skills (research, writing and multi-media skills)

#### *Assessment*

Assessment is based on course work (including essays) and an examination, as well as practical assessment and reflective writing. Attendance, as laid out in College regulations, is compulsory in all modules. Modules are weighted according to their credit values. Penalty points will be applied for non-attendance as described in the departmental handbook.

### **Senior Freshmen**

#### *Lectures, seminars and workshops*

- 1 Introduction to drama, theatre and performance II (a series of units covering defined historical periods, genres and movements teaching historiographical and theoretical issues through praxis)
- 2 Introduction to performing II (workshop with contextual study)
- 3 Introduction to theatre making (workshop with contextual study)
- 4 Ensemble project

#### *Assessment*

Assessment is based on course work (including essays and practical production) and an examination. Modules are weighted according to their credit values. Penalty points will be applied for non-attendance as described in the departmental handbook.

### **Sophister modules**

All students will follow a module in 'Contemporary Irish theatre in context I' (5 credits) in their Junior Sophister year and a module in 'Contemporary Irish theatre in context II' (5 credits) in their Senior Sophister year. In addition in the Junior Sophister year, students will select modules totalling 55 credits, and in the Senior Sophister year they will select modules totalling 35 credits. See below for details on the dissertation requirements and the effect on the number of modules taken. A list of modules for the following year will be made available in Hilary term each year. Sophister modules are divided into three groups: group A modules are predominately practical in nature, group C modules are predominately academic in nature and group B modules involve a studied balance of academic and practical engagement. In each of the Sophister years students must choose at least one module from group C. Some modules may only be offered in alternate years. All modules are offered according to staff availability and student demand. Although every effort will be made to assign students their highest-ranked module choices, the Head of Drama reserves the right to re-prioritise or reassign options as a result of oversubscription and in cases in which a student has failed to choose any modules from the C group.

### *Group A*

Acting (10 credits)  
Principles of devising (5 credits)  
Applied devising (10 credits)  
Principles of directing (5 credits)  
Applied directing (10 credits)  
Costume design (10 credits)  
Lighting design (10 credits)  
Stage design (10 credits)

### *Group B*

Principles of drama and community (5 credits)  
Applied drama and community (5 credits)  
Principles of performance and technology (5 credits)  
Applied performance and technology (10 credits)  
Playwriting (10 credits)  
Principles of theatre management (5 credits)

### *Group C*

Theatre and Ireland 1 (5 credits)  
Theatre and Ireland 2 (5 credits)  
Tragedy and the tragic (5 credits)  
Comedy and the comic (5 credits)  
Studies in Samuel Beckett (5 credits)  
American drama (5 credits)  
Women in theatre (5 credits)

The list of available modules – and group C modules in particular – is subject to change from year to year, according to staff availability. Most group A and B modules are offered to advanced level in the Senior Sophister year, subject to prerequisites and class quotas.

By special arrangement students may take up to two modules offered by another school or department in each of their Sophister years.

### *Dissertation*

In the Senior Sophister year, students will submit a dissertation of approximately 10,000 words (20 credits) on a topic that must be approved before the end of the preceding Trinity term. The dissertation should be based on a theoretical, historical, or critical approach to some area of theatre or performance studies, although it may, with special permission, be related to a practical project.

### *Assessment*

Details of the nature of assessment in each module may be obtained from the departmental office. The proportion may vary according to the module. Modules are weighted according to their credit values. Penalty points will be applied for non-attendance as described in the departmental handbook.

### *Weighting of Sophister marks*

In drama and theatre studies marks earned during the Junior Sophister year aggregate to count for 35 per cent of the degree mark, with the aggregate Senior Sophister mark counting for 65 per cent.

## BACHELOR IN ACTING (B.HISTR.)

1 A three-year practical degree in acting is offered by The Lir – National Academy of Dramatic Art, in conjunction with the Cathal Ryan Trust in association with the Royal Academy of Dramatic

Art, designed to train actors for the professional theatre and related industries through the development of intellectual and creative approaches to performance.

2 The course is structured to develop and extend acting skills through acting classes, improvisation, devising, scene study, text work, voice, movement, and the production of full-length plays and a film. It is a vocational course with emphasis on the different styles and approaches needed by the contemporary actor.

3 The course places the work of the actor in the wider context of theatre, film and television as cultural practices through classes in the dramaturgy of a range of historical periods, with particular emphasis on classical and modern play texts and scripts. Additional classes in career preparation accompany the core modules to enable students to establish a career upon graduation.

4 The vocational and professional training nature of this course is reflected in the emphasis placed on group learning and development. Students must follow the guidelines as prescribed by the Academy and published in the course handbook. No student may engage in performance work outside of the course without the express permission of the Director of the Academy. Failure to comply with the course regulations may result in exclusion from the course, on the recommendation of the Academic Director of the Academy, and with the approval of the Senior Lecturer.

#### *Admission*

5 Entrance requirements for the course are University matriculation and successful audition. Admission is subject to a satisfactory medical report. In respect of matriculation requirements:

- (a) E.U. applicants who will be twenty-three years of age on 1 January of the proposed year of entry may be admitted as mature students without normal matriculation requirements.
- (b) In special circumstances students with equivalent qualification, achievement or exceptional acting promise may be admitted without normal matriculation requirements.

#### *Course*

6 The degree course consists of the four elements:

Acting and text

Voice studies

Movement studies

Theatre and film production (ensemble production)

All modules are offered subject to staff availability.

#### *Assessment*

7 The ECTS value of each year of the course is 80 credits (total 240). All modules are weighted according to their credit values.

To progress to the next year of the course, students must (a) attend satisfactorily all prescribed classes, (b) perform the prescribed research exercises and practical assignments, (c) achieve a credit-weighted average mark of 40 per cent (grade III) by obtaining a pass grade in all modules in each year, (d) meet any special requirements as prescribed and published by the Academy. Students who fail to satisfy the assessment requirements (see 2 above) will be excluded from the course. There is no compensation permitted in any year and there are no supplemental examinations.

The degree is awarded on the basis of continuous assessment of course work, practical assignments and production work of the final year.

#### **Year 1**

##### *Acting and text (30 credits)*

Acting technique (including storytelling, scene study and play study)

Classical text  
Dramaturgy  
Professional development

*Voice studies (25 credits)*

Voice  
Speech  
Sight-reading  
Dialect studies  
Choral singing  
Individual singing

*Movement studies (25 credits)*

Movement  
Movement project  
Physical theatre and improvisation  
Stage combat  
Alexander technique

## **Year 2**

*Acting and text (20 credits)*

Acting technique  
Shakespeare project  
Greek project  
Irish repertoire project  
Dramaturgy  
Professional development  
Contemporary performance  
Acting for camera  
Acting for microphone  
Portfolio development

*Voice studies (20 credits)*

Voice  
Speech  
Sight-reading  
Dialect studies  
Speech and dialect  
Choral singing  
Individual singing

*Movement studies (20 credits)*

Movement  
Period movement  
Dance  
Physical theatre and improvisation  
Stage combat  
Alexander technique

*Ensemble production (20 credits)*

## **Year 3**

*Production year*

The final year of the course concentrates on production work, and students may expect to perform in up to six teaching productions (10 credits per production module), one of which will be



for recorded media. Acting, voice and movement support will be offered to support the demands on students in the different productions.

Students will also attend classes in career preparation to enable them to prepare for professional life (10 credits).

Final year students will also work on audition preparation and take part in an audition showcase to which casting directors, theatrical and film agents, and artistic directors are invited (10 credits).

## PROFESSIONAL DIPLOMA IN STAGE MANAGEMENT AND TECHNICAL THEATRE

1 A two-year practical diploma in stage management and technical theatre is offered by The Lir – National Academy of Dramatic Art, in conjunction with the Royal Academy of Dramatic Art, designed to train stage managers and technicians for the professional theatre and related industries.

2 The course aims to equip students of exceptional talent with the skills necessary for a career as a stage manager and/or technical specialist in the professional theatre and related industries through the development of skills, professional practices and creative approaches to theatre production. It encourages a self-reflective approach to learning with a view to developing independent thinking practitioners of theatre.

3 Through a series of skills-based modules in stagecraft and construction, lighting and sound, properties and propping, stage/production/technical management, film and television, health and safety, technical drawing, make-up and scenic art, the course seeks to equip students with the skills necessary to realise a theatre production.

4 Classes in theatre history, set and costume design, will complement the skills-based modules in their analysis of historical periods, styles, forms, conventions and practices with a view to developing the intellect and the encouragement of a reflective practitioner.

### *Admission*

5 Students must satisfy the normal matriculation requirements for undergraduate courses in College, and have achieved a minimum of six months' work experience in a professional environment, in theatre or related industries or courses, as demonstrated in a portfolio submitted at interview. Exceptions to normal matriculation requirements may be made on demonstration of exceptional natural talent as demonstrated at interview.

E.U. applicants who will be twenty-three years of age on 1 January of the proposed year of entry may be admitted as mature students without normal matriculation requirements.

### *Course*

6 The diploma course consists of three elements:

Stage management

Technical theatre

Theatre production

All modules are offered subject to staff availability.

### *Assessment*

7 The ECTS value of each year of the course is 60 credits. All modules are weighted according to their credit values.

To progress to the next year of the course, students must (a) attend satisfactorily all prescribed classes, (b) perform the required practical assignments, (c) achieve a credit-weighted average of 40 per cent by obtaining a pass grade in all modules in each year, (d) meet any special requirements as prescribed and published by The Lir – National Academy of Dramatic Art. Students who fail to satisfy the assessment requirements will be excluded from the course. Compensation is not permitted in either year and there are no supplemental examinations.

The diploma is awarded on the basis of continuous assessment of course work, practical assignments, industry placements and production work of the final year.

## **Year 1**

### *Modules*

Theatre skills (20 credits)  
Stage, production and technical management (20 credits)  
Theatre history and design (20 credits)

## **Year 2**

### *Core modules*

Stage management in production 1 (10 credits)  
Stage management in production 2 (10 credits)  
Professional placement (10 credits)

### *Elective modules (10 credits per module)*

Production electrician  
Sound designer  
Technical manager  
Prop-maker/supervisor  
Costume supervisor  
Film/TV

## **DIPLOMA IN ACTING AND THEATRE**

The one-year diploma course in Acting and Theatre carries 60 ECTS credits and is aimed primarily at school leavers, or those who are undertaking or have completed a similar Level Six course, who are interested in preparing themselves for three-year actor training at conservatoire level, either at The Lir or a similar academy. With an additional focus on broadening students' reading and understanding of plays and theatre history, it also prepares students for broader drama degrees and related areas of study and work. The course is taught by a committed team of teachers, including many of The Lir's core acting tutors and teachers from our Master in Fine Arts programmes. The personal development of students is enhanced by regular individual tutorials with the Course Director, a dedicated member of staff who supervises all aspects of the programme. The course also encourages students to develop their own individual creativity with a focus on collaboration, improvisation and lateral thinking.

### *Admission*

Entrance requirements for the course are University matriculation and successful audition/interview. E.U. applicants who will be twenty-three years of age on 1 January of the proposed year of entry may be admitted as mature students without normal matriculation requirements.

Exceptions to matriculation requirements may be made on the demonstration of exceptional natural talent at audition/interview.

### *Content*

Introduction to voice, movement and acting technique (20 credits)  
Acting projects (20 credits)  
Theatre in context (20 credits)

### *Assessment*

To pass the course, students must (a) attend satisfactorily all prescribed classes, (b) perform prescribed research exercises and practical assignments, (c) achieve a credit weighted average

mark of 40 per cent by obtaining a pass grade in all modules, (d) meet any special requirements prescribed and published by the Academy. All three modules are year-long and compulsory. There are no supplemental assessments and no compensation is permitted.

The overall aggregate mark for the year will be a credit-weighted average of the module marks. The Diploma will be awarded as either pass or distinction. A pass will be awarded at 40 per cent and a distinction at an overall average of 70 per cent.

*DEPARTMENT OF MUSIC*  
MODERATORSHIP IN MUSIC

*Admission*

1 Applicants must satisfy the admission requirements of the University, together with special requirements for entry into the course; see ADMISSION REQUIREMENTS. The decision as to whether an applicant is adequately qualified in music to pursue the honor course shall rest with the Department of Music.

*Academic progress and examinations*

2 The honor curriculum of the Department of Music is primarily concerned with the study of western classical music in three principal areas: composition, musicology and music technology.

3 The ECTS value of each year of the course is 60 credits.

4 Students are examined at the end of the academic year either by written examination or continuous assessment, or by a combination of both.

5 To pass each of the Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

6 To pass the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, if they have passed outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable, and/or the credit value of modules, may affect the level of compensation or aggregation permitted in any year.

7 There are no supplemental examinations in the Junior Sophister and Senior Sophister years; students who fail the annual examinations in the Junior Sophister year are required to repeat the year. Sophister examinations and the equivalent submission of project and assessment work may not take place outside the normal annual examination period.

8 Penalty points will be applied for non-attendance as described in the departmental handbook.

9 Students who have passed the Junior Sophister examinations may have the ordinary degree

of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

10 The Department of Music adheres to standard College procedures on academic progress. See GENERAL REGULATIONS AND INFORMATION, ACADEMIC PROGRESS and the Department of Music handbook.

11 A broad outline of core modules and electives is given below. The principal statement outlining core modules, electives, assessment requirements and general regulations is the annually published Department of Music handbook, which can also be viewed on the College web site. All modules are offered subject to staff availability and timetable constraints.

### **Junior Freshmen**

Modules are assessed on the basis of course work and end-of-year examination. Modules are weighted according to their credit values.

#### *Core modules (60 credits)*

- Aural and keyboard skills I A (10 credits)
- Harmony I A (10 credits)
- Counterpoint I A (10 credits)
- History and repertoire I A (10 credits)
- Music technology I A (10 credits)
- Introduction to music analysis A (10 credits)

### **Senior Freshmen**

Modules are assessed on the basis of course work and end-of-year examination. Modules are weighted according to their credit values.

#### *Core modules (50 credits)*

- Aural and keyboard skills II A (10 credits)
- Harmony II A (10 credits)
- Counterpoint II A (10 credits)
- History and repertoire II A (10 credits)
- Methodologies of music analysis (5 credits)
- Broad Curriculum module (5 credits)

#### *Electives (10 credits)*

One of the following:

- Introduction to musicology A
- Introduction to free composition A
- Music technology II A

### **Sophister years**

In the Sophister years single honor students may continue with their Senior Freshman electives. Students are given considerable discretion in the range of options they take over the final two years of the course and the order in which they are pursued, subject to staff availability and timetable constraints. Options for the Junior and Senior Sophister years must be finalised at the end of the previous academic year and have the approval of the Department of Music.

Sophister students choose a number of electives from a range which may include those listed below. Some electives are offered only in alternate years and all are subject to availability of resources in a particular year. Assessment for the moderatorship consists of the final project for the area of specialisation and other course work/examinations for the individual modules taken in the Sophister years, amounting to a total of 120 credits (50 per cent of the total moderatorship marks are allotted to the part I examination held at the end of the Junior Sophister year and 50

per cent to part II at the end of the Senior Sophister year). Senior Sophister students may opt to follow a general stream rather than a specialisation, in which case they do not take a project (20 credits) but make up the credit weighting through options offered to their year group, some of which may be subject to prerequisites. Full information on these modules and on assessment and examination requirements is published annually in the Department of Music handbook.

### **Junior Sophisters**

#### *Core modules (15 credits)*

History and repertoire III A (10 credits)  
Instrumentation A (5 credits)

#### *Electives available annually (20 credits)*

One of the following:

Composition forum JSA  
Music technology seminar JSA  
Musicology seminar JSA

In addition students take a combination of Sophister electives (see below) to bring the credit total to 60.

### **Senior Sophisters**

#### *Core module (10 credits)*

History and repertoire IV

#### *Electives (10 credits)*

One of the following:

Composition forum SSA  
Music technology seminar SSA  
Musicology seminar SSA

#### *Project (20 credits)*

One of the following:

Composition portfolio  
Music technology project  
Dissertation II (10,000 words)

In addition students take a combination of Sophister electives (see below) to bring the credit total to 60.

#### *Electives available annually*

Dissertation I (5,000 words) (10 credits)  
Composition forum B (5 credits)  
Music technology seminar B (5 credits)  
Musicology seminar B (5 credits)  
Recital A (25 minutes) (5 credits)  
Recital B (50 minutes) (10 credits)

#### *Additional electives*

A list of additional electives will be published at the end of each academic year.

#### *Prizes*

For details of the Taylor entrance exhibition, see ENTRANCE AWARDS. For prizes awarded in the Department of Music, see PRIZES AND OTHER AWARDS.

## IV SCHOOL OF EDUCATION

The School of Education offers the degree of Bachelor in Music Education and the Certificate in Contemporary Living, as described below.

### DEGREE OF BACHELOR IN MUSIC EDUCATION (B.MUS.ED.)

1 The degree of Bachelor in Music Education is a professional degree of the University of Dublin which is intended to provide for the academic and professional requirements of those wishing to become teachers of music in post-primary schools. It is taught in the School of Education in association with the DIT Conservatory of Music and Drama and the Royal Irish Academy of Music. In alternating years students will be admitted to the DIT Conservatory of Music and Drama and the Royal Irish Academy of Music with each group being full students of Trinity College Dublin. The institute of registration in September 2015 will be the DIT Conservatory of Music and Drama.

2 The degree is an integrated course of study designed to equip students with a high standard of performance in their principal study and an associated competence in related musical skills e.g. conducting, keyboard skills, performance in choral, orchestral and chamber music groups, all of which are taught by either the DIT Conservatory of Music and Drama or the Royal Irish Academy of Music. The course also provides for a solid grounding in harmony, counterpoint, composition, orchestration, analysis and history of music. Students will study the following educational modules provided by the School of Education in Trinity College, the DIT Conservatory of Music and Drama and the Royal Irish Academy of Music: music education; educational issues; the sociology of music in education; applied psychology in education; assessment and examinations; the practice of music education; history of education; research methods; teaching practice. An honors degree of B.Mus.Ed. is awarded at the end of the fourth year. The course is intended to provide for the academic and professional requirements of teachers of music. Graduates of the course are recognised by the Teaching Council.

#### *Admission*

3 Applications for admission from E.U. applicants to the course should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Non-E.U. applicants should apply online direct to Trinity College Dublin by 1 February of the proposed year of entry. For further information see <http://www.tcd.ie/Admissions/undergraduate/apply/non-eu>. In addition to satisfying the academic requirements for the course, applicants are required to attend for tests and may be called for interview.

#### *Fees*

4 See COLLEGE CHARGES.

#### *Academic progress and examinations*

5 The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister 60 credits; Senior Sophister 60 credits.

The evaluation of work for the degree involves a combination of continuous assessment, examinations and teaching practice. In order to advance with their class, students must satisfactorily complete the assignments of the year and pass the required examinations. The annual examinations are held, generally, in Trinity term in each year.

Modules are weighted according to their credit values.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent

in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the credit value of modules may affect the level of compensation permitted in any year. Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

Successful candidates for the B.Mus.Ed. (honors) degree examination are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. The degree classification is based on the work of the Senior Sophister year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

Students will be informed of the method of assessment for each module at the beginning of each semester.

#### *Modules*

6 The following is a summary of the component modules of the degree:

#### **Junior Freshmen**

- Performance
- Musicianship
- Compositional techniques
- Music history
- Music education
- Curricular development

#### **Senior Freshmen**

- Performance
- Musicianship
- Compositional techniques
- Music history
- Music education
- Foundation studies 1
- School placement

#### **Junior Sophisters**

- Performance
- Musicianship
- Compositional techniques
- Music history
- Foundation studies 2
- Music education
- Foundation studies 3
- School placement

#### **Senior Sophisters**

- Major option
- Aural perception
- Compositional techniques
- Curricular pedagogy
- Foundation studies 4
- Foundation studies 5
- School placement

### *Teaching terms*

7 Lectures will follow the teaching terms for the faculty as set out in the *Calendar*. Teaching practice however, may fall outside of the faculty teaching terms.

### CERTIFICATE IN CONTEMPORARY LIVING<sup>5</sup>

8 This is a two year course aimed at introducing students with intellectual disability to post school education and College life. It consists of ten modules across the respective areas of liberal arts, expressive arts and career development. Candidates are selected by interview as well as a written assignment. Students will undertake continuous assessment, satisfactorily complete a special topic investigation as well as two different work placements. Application for admission to the course can be made to the course co-ordinator, Trinity Centre for People with Intellectual Disabilities, School of Education.

### V SCHOOL OF ENGLISH

The School of English offers the honor course described below, a Moderatorship in Irish Studies in conjunction with the School of Histories and Humanities and the School of Languages, Literatures and Cultural Studies and a two-subject moderatorship course in English literature (for details see TWO-SUBJECT MODERATORSHIP COURSES).

### MODERATORSHIP IN ENGLISH STUDIES

This course covers the history and criticism of English and related literatures from Old English to the present day, providing a grounding in knowledge of anglophone literatures, and introducing students to a wide variety of critical methodologies and cultural studies. In the Freshman years, students are introduced to literary theory and to central aspects of the history of English and related literatures. Teaching is through a combination of lectures and tutorials. In the Sophister years, students take a compulsory element and choose from a variety of optional modules in consultation with the Head of Sophisters. Teaching in the Sophister years is mainly through seminar. In any year the range of modules may be limited by staff availability. Each year carries 60 credits.

Reading lists and details of individual modules may be obtained from the School of English Office.

### *Modules*

#### **Junior Freshmen**

Introduction to literary and critical methodologies; survey/thematic/genre modules in the history of English and related literatures; introduction to medieval studies

#### **Senior Freshmen**

Further survey/thematic modules in the history of English and related literatures; medieval studies<sup>6</sup>

### *Assessment*

Examination methods in both Junior and Senior Freshman years consist of formal examination papers and assessed essays. Modules are weighted according to their credit values.

#### **Sophister modules**

Students in their Junior Sophister year take a compulsory element on the Book and choose one year-long option and three semester-long options. Students in their Senior Sophister year

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<sup>5</sup>This course has yet to be placed on the National Framework of Qualifications.

<sup>6</sup>Students may, with the permission of the head of the school, take a Broad Curriculum module. The assessment methods for these modules may differ from those offered by the school.



choose two year-long options and two semester-long options from a range of optional modules. One of the year-long optional modules is a dissertation option. Optional modules are offered to students in their Sophister years in the following areas subject to availability of staff in any given year.

- 1 *Beowulf*
- 2 Old Norse
- 3 Medieval literature
- 4 Renaissance literature
- 5 Seventeenth-century literature
- 6 Eighteenth-century literature
- 7 Nineteenth-century literature
- 8 Literature since 1900
- 9 Anglo-Irish literature
- 10 American literature
- 11 Women's literature
- 12 Critical theory and literary history
- 13 Cultural studies
- 14 Post-colonial cultures
- 15 Children's literature
- 16 Popular literature
- 17 Creative writing
- 18 Dissertation

The same modules cannot be taken in both Sophister years and the choice of modules remains subject to approval by the Head of Sophisters. Modules are weighted according to their credit values.

Details of the specific modules offered each year and the regulations relating to them may be obtained from the School of English Office.

#### *Assessment and progression regulations*

To pass each of the Freshman years students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

To pass the Junior Sophister year (moderatorship examination, part I), and the Senior Sophister year (moderatorship examination, part II) students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year. There are no supplemental examinations in either of the Sophister years.

### *Moderatorship examination, part I*

Moderatorship part I is held at the end of the Junior Sophister year and consists of examination and assessment, the details of which may be obtained from the School of English Office. The moderatorship part I contributes 50 per cent to the calculation of the overall degree result.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### *Moderatorship examination, part II*

Moderatorship part II is held at the end of the Senior Sophister year and consists of examination and assessment, the details of which may be obtained from the School of English Office. The moderatorship part II contributes 50 per cent to the calculation of the overall degree result. Candidates must satisfy the examiners in both parts of moderatorship to be awarded an honors degree.

## VI SCHOOL OF HISTORIES AND HUMANITIES

The School of Histories and Humanities comprises the Departments of Classics, History, History of Art and Architecture and the Centre for Gender and Women's Studies. The school offers a single honor course in ancient and medieval history and culture, a single honor course in classics,<sup>7</sup> a single honor course in history as described below; it also offers a degree in history and political science in conjunction with the School of Social Sciences and Philosophy as described below, a Moderatorship in Irish Studies in conjunction with the School of English and the School of Languages, Literatures and Cultural Studies (see XVI below) and six subjects, ancient history and archaeology, classical civilisation, Greek, history, history of art and architecture and Latin, as part of two-subject moderatorship courses (for details, see TWO-SUBJECT MODERATORSHIP COURSES).

### MODERATORSHIP IN ANCIENT AND MEDIEVAL HISTORY AND CULTURE

1 This course offers an interdisciplinary approach to the study of ancient and medieval history and culture. It will introduce students to a broad range of disciplines including archaeology, architectural history, art history, history, language and literature. Teaching is through a combination of lectures, seminars and tutorials and language classes where appropriate.

2 In the Junior Freshman year students are offered modules in ancient history, art history and history. There is an opportunity to study Latin.

3 In the Senior Freshman year students take three compulsory modules, one each in ancient history, art history and history. Students also take three further optional modules to a total of 30 ECTS from a range on offer. There is an opportunity to continue further study in Latin.

4 In the Junior Sophister year students take a compulsory module on the culture and history of the city of Rome and further modules (at least 10 ECTS in each area) in ancient history, art history and history. There is an opportunity to continue further study in Latin.

5 In the Senior Sophister year students choose two modules from a range on offer. They will also be required to submit a dissertation prepared and presented in conformity with the requirements set out in the course handbook.

6 The ECTS value of each of the four years of the course is 60 credits.

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<sup>7</sup>Provision for the study of Greek in combination with Latin is made only in the single honor course in classics. Students taking this course must have a matriculation qualification in at least one of the two languages.

7 To pass each of the Junior and Senior Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

8 To pass each of the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

9 There are no supplemental examinations in the Junior Sophister and Senior Sophister years.

10 The Junior and Senior Sophister examinations together constitute the moderatorship examination to which they contribute 35 per cent and 65 per cent of the marks respectively.

11 Each piece of assessed classwork must conform to the requirements set out in the course handbook and must be submitted by the date specified therein. No piece of work will be accepted for the moderatorship examination unless credit has been obtained for the preceding pieces of work required for the module concerned. The late submission of assessed work will be penalised. Details of penalties for late submission are given in the relevant course handbook.

12 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

13 The optional modules offered may vary from year to year.

## **Junior Freshmen**

### *Modules*

- 1 Greek and Roman history (10 credits)
- 2 Greek and Roman art and architecture (10 credits)
- 3 Introduction to medieval art and architecture (10 credits)
- 4 Introduction to the practice of art history (10 credits)
- 5 A module in medieval history (10 credits)
- 6 Two modules in medieval history (5 credits each)

Students who wish to study beginners Latin may, with the agreement of the course director, substitute modules 1 and 2 with a language element. Those who wish to take Latin at an advanced level may, with the agreement of the course director, substitute the first half of module 2 above for a language element.

### *Examination*

Examination methods consist of formal examination papers, assessed essays, other assigned exercises and, where appropriate, language tests. Modules are weighted according to their credit values.

#### **Senior Freshmen**

##### *Modules*

- 1 One module in ancient history (10 credits)
- 2 One module in the history of art (10 credits)
- 3 One module in medieval history (10 credits)
- 4 Additional modules (details available from the course director) (to a total of 30 credits)

Students who wish to study Latin at an advanced level may, with the agreement of the course director, substitute one module under 4 above for the language element.

##### *Examination*

Examination methods consist of formal examination papers, assessed essays, other assigned exercises and, where appropriate, language tests. Modules are weighted according to their credit values.

#### **Junior Sophisters**

##### *Modules*

- 1 Rome: city, culture, history (10 credits)
- 2 One module or modules in ancient history/archaeology (to a total of 10 credits)
- 3 One module or modules in the history of art (to a total of 10 credits)
- 4 One module or modules in history (to a total of 10 credits)
- 5 Additional modules (details available from the course director) (to a total of 20 credits)

Students who wish to study Latin at an advanced level may, with the agreement of the course director, substitute one module under 5 above for the language element.

##### *Moderatorship examination, part I, papers, essays, marks*

Moderatorship part I is held at the end of the Junior Sophister year and will consist of formal examination papers, assessed essays and other assigned course work. Modules are weighted according to their credit values.

#### **Senior Sophisters**

##### *Modules*

- 1 Dissertation (20 credits)
- 2 Two special subject modules (details available from the course director) (20 credits each)

##### *Moderatorship examination, part II, papers, essays, marks*

Moderatorship part II is held at the end of the Senior Sophister year and will consist of four 3-hour papers of equal weight, two in each of the two modules studied in the Senior Sophister year. Candidates also submit a dissertation. Modules are weighted according to their credit values.

### *CENTRE FOR GENDER AND WOMEN'S STUDIES*

For information on the activities of the Centre for Gender and Women's Studies, see *Calendar* PART I - RESEARCH INSTITUTES AND CENTRES.

DEPARTMENT OF CLASSICS  
MODERATORSHIP IN CLASSICS

*Subjects of study*

1 This course focuses on the detailed study of literary, linguistic and historical aspects of the Greek and Latin classical authors, and includes general lectures on the political, social, and cultural history of Greek and Roman worlds. Students with little or no previous knowledge of either Greek or Latin may take up both languages at undergraduate level.

2 In the Junior Freshman year students take modules in Greek and/or Latin language, in ancient history and culture depending on level of entry.

3 In the Senior Freshman year students take modules in Greek and Latin language, in Greek and/or Latin literature and in ancient history depending on level of entry. The Broad Curriculum and school elective modules are optional. Further details are given in the departmental handbook.

4 In the Junior Sophister year students take modules in Greek and Latin language, in Greek and Latin literature and in ancient history. Students take modules in Greek and Latin language, in Greek and/or Latin literature and in ancient history depending on level of entry. The Broad Curriculum and school elective modules are optional. Further details are given in the departmental handbook.

5 In the Senior Sophister year students are required to engage with special topics of considerable complexity and to write a dissertation. Exact content of the modules may vary from year to year according to the availability of teaching expertise. Detailed information about the modules offered each year and their credit values are available in the departmental handbook.

6 The ECTS value of each of the four years of the course is 60 credits.

7 Candidates are examined on Greek and Latin language, prescribed authors, and ancient history. Passages are also set for unseen translation. Candidates in all years in Greek and Latin must obtain a pass mark on Greek and Latin translation in order to pass their examination as a whole.

8 Students may be refused permission to proceed with their course unless they answer satisfactorily at each honor examination, as well as performing the other exercises prescribed by the department.

9 To pass each of the Junior and Senior Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

10 To pass each of the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have

a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

11 There are no supplemental examinations in the Junior Sophister and Senior Sophister years.

12 The Junior and Senior Sophister examinations together constitute the moderatorship examination to which they contribute 35 per cent and 65 per cent of the marks respectively.

13 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

14 The optional modules offered may vary from year to year.

### **Junior Freshmen**

Students take modules in Greek and/or Latin language, in ancient history and culture depending on level of entry. Modules carry either 5 or 10 credits each.

Further details are available in the departmental handbook.

### **Senior Freshmen**

Students take modules in Greek and Latin language, in Greek and/or Latin literature and in ancient history depending on level of entry. Modules carry either 5 or 10 credits each. The Broad Curriculum and school elective modules are optional.

Further details are given in the departmental handbook.

#### *Examinations*

##### *Junior and Senior Freshman*

Modules are weighted according to their credit values. Examination methods consist of formal examination papers, assessed language tests and assessed essays. Students must obtain a pass mark in Greek and Latin translation in order to pass their examination as a whole.

### **Junior Sophisters**

Students take modules in Greek and Latin language, in Greek and Latin literature and in ancient history. The Broad Curriculum and school elective modules are optional. Modules carry either 5 or 10 credits each. Further details are given in the departmental handbook.

#### *Examinations*

##### *Moderatorship examination, part I*

Moderatorship part I is held at the end of the Junior Sophister year and will consist of formal examination papers, assessed essays and other assigned course work. Modules are weighted according to their credit values.

### **Senior Sophisters**

Students in their Senior Sophister year take two modules in Greek and two in Latin, and write a dissertation of not more than 12,000 words. Modules carry either 10 or 20 credits each. Further details are given in the departmental handbook.

## Examinations

### *Moderatorship examination, part II*

Moderatorship part II is held at the end of the Senior Sophister year and will consist of four 3-hour papers of equal weight, one in each of the four modules studied in the Senior Sophister year. Students also sit four assessed tests in Greek and Latin unseen translation (two in Michaelmas and two in Hilary term). Candidates also submit a dissertation. Modules are weighted according to their credit values.

### *Special requirements for all years*

Students must obtain a pass mark in Greek and Latin unseen translation in order to pass their examination as a whole.

## DEPARTMENT OF HISTORY<sup>8</sup>

### MODERATORSHIP IN HISTORY

1 In the Freshman years, students are offered a range of modules on Irish, British, European and non-European history. Junior Freshmen may substitute electives of up to 5 credits in modern languages for a module in history under B below. Senior Freshmen may substitute electives of up to 5 credits.

2 In the Sophister years, students are offered a range of modules, set out below. The procedure for allocation of modules is governed by the regulations set out in the course handbook.

3 Senior Sophisters must submit a dissertation, prepared and presented in conformity with the requirements set out in the department's *Guide to dissertations*. Two alternative proposals of topic must be submitted to the History Office by the last day of the sixth week of Hilary term in the Junior Sophister year. Two copies of the dissertation must be handed to the History Office not later than the Monday of the sixth week of Hilary term.

4 Junior Freshmen must, in accordance with the general regulations for honor students, attend all the lectures and tutorial classes and perform all the prescribed exercises. Senior Freshmen and Sophisters must perform all the prescribed exercises and attend tutorial classes.

5 The ECTS value of each of the four years of the course is 60 credits.

6 To pass each of the Junior and Senior Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

7 To pass each of the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by

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<sup>8</sup>For details of history in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

8 There are no supplemental examinations in the Junior Sophister and Senior Sophister years.

9 The Junior and Senior Sophister examinations together constitute the moderatorship examination to which they contribute 35 per cent and 65 per cent of the marks respectively.

10 Assessed essays form a component of the examinations for Freshmen and Sophisters. Each essay must conform to the requirements set out in the course handbook and must be submitted to the History Office by the date specified therein. No essay will be accepted for the moderatorship examination unless credit has been obtained for the preceding essay or essays required for the module concerned. The late submission of assessed work will be penalised. Details of penalties for late submission are given in the relevant course handbook.

11 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

12 Some modules listed below may not be available in a particular year.

## Junior Freshmen

### *Modules*

- A The two following modules:
  - 1 Doing history (5 credits)
  - 2 Interpreting history (5 credits)
- B Modules totalling forty credits comprising one module each in:
  - 1 The history of medieval Ireland
  - 2 The history of medieval Europe
  - 3 The history of early modern Ireland
  - 4 The history of early modern Europe
- C Two five-credit modules in medieval history

Students may substitute electives of up to 5 credits in modern languages for one of the history modules under C.

### *Examination<sup>9</sup>*

The examination will consist of the following elements:

- 1 One 3-hour paper on each 10 credit history module
- 2 One 2-hour paper, or equivalent, on each 5 credit history module

Modules are weighted according to their credit values.

## Senior Freshmen

### *Modules*

- A Two modules in historiography and/or methods and theories in history (5 credits each)
- B Two modules totalling twenty credits selected from modules in:
  - 1 The history of modern Ireland
  - 2 The history of modern Europe
  - 3 Medieval history

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<sup>9</sup>Students are advised to consult the handbook for further examination and assessment information.



- C Two modules totalling twenty credits comprising one module each in:
  - 1 American history
  - 2 Global or international history
- D A group project to be assessed as two five-credit modules

Students may substitute electives of up to 5 credits for one of the history modules.

#### *Examination<sup>10</sup>*

The examination will consist of the following elements:

- 1 One 3-hour paper on each 10 credit history module
- 2 One 2-hour paper, or equivalent coursework, on each 5 credit history module under A above
- 3 A group project to be examined by coursework assessment

Modules are weighted according to their credit values.

### **Junior Sophisters**

#### *Modules*

- A One module from list I below (20 credits)
- B (i) Four modules from list II below taken according to pattern (a) (40 credits) or  
(ii) Two modules from list II below taken according to pattern (a) (20 credits) and two according to pattern (b) (20 credits)

#### *Moderatorship examination, part I*

- 1 Two papers and two essays on the list I module
- 2 One paper and one essay on each list II module taken as pattern (a)
- 3 Two essays or equivalent coursework on each list II module taken as pattern (b)

All modules are weighted according to their credit values. The combined mark obtained carries the weight of 35 per cent of the total moderatorship marks.

### **Senior Sophisters**

#### *Modules*

- A One module from list I below, not taken in the Junior Sophister year (20 credits)
- B Two modules from list II below, taken in pattern (a), not taken in the Junior Sophister year in either pattern (20 credits)
- C A dissertation on an approved topic (20 credits)

#### *Moderatorship examination, part II*

Four 3-hour papers, four essays and a dissertation as follows:

- 1 Two papers and two essays on the list I module
- 2 One paper and one essay on each list II module
- 3 A dissertation

All modules are weighted according to their credit values. The combined mark obtained carries the weight of 65 per cent of the total moderatorship marks.

#### LIST I

- Empire and papacy in the eleventh century (20 credits)
- The Vikings, c. 790-1100 (20 credits)
- The archaeology of warfare, c. 1000-1350 (20 credits)
- From kingdom to colony: Ireland in the twelfth century (20 credits)
- Edward I, Edward II and the conquest of 'Britain', c. 1272-1328 (20 credits)

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<sup>10</sup>Students are advised to consult the handbook for further examination and assessment information.

Ireland and the Plantagenet empire, 1327-1399 (20 credits)  
 Art, gender and the body in medieval and renaissance Italy (20 credits)  
 Europe reformed, 1540-1600 (20 credits)  
 Food, drink and society in Britain and Ireland, 1550-1750 (20 credits)  
 The Elizabethans and their world: social change and cultural development in England, 1550-1610 (20 credits)  
 Nobilities in early modern Ireland (20 credits)  
 Revolutionary Britain, 1678-1707 (20 credits)  
 Independence to occupation: Confederate and Cromwellian Ireland, 1641-60 (20 credits)  
 Ireland in the age of O'Connell, 1775-1847 (20 credits)  
 The French revolution, 1789-99 (20 credits)  
 Sub-Saharan Africa since 1875 (20 credits)  
 Ireland in the 1920s and 1930s (20 credits)  
 The Weimar Republic: Germany from democracy to the Nazi dictatorship (20 credits)  
 American politics and culture, 1939-89 (20 credits)  
 Ireland, Britain and America during the Cold War and after, 1948-98 (20 credits)

#### LIST II

Each of the modules in the list below may be taught in either pattern (a) or pattern (b) in a given academic year. Students who have taken a given module in one form in one year may not take the same module in another form in a subsequent year.

- (a) Modules following this pattern are taught for one term and are assessed by examination and coursework.
- (b) Modules following this pattern are taught for one year and are assessed by coursework only.

The reign of Charlemagne, 768-814 (10 credits)  
 Viking Dublin (10 credits)  
 From Viking raiders to warrior Crusaders: Scandinavia and Europe, 800-1200 (10 credits)  
 Medieval religion, 1215-1517 (10 credits)  
 Medieval globetrotters: exploration and world conquest in the age of the Black Death (10 credits)  
 Renaissance Florence, c. 1348-1527 (10 credits)  
 A social history of medicine, 1500-1750 (10 credits)  
 The fall and rise of France, 1550-1700 (10 credits)  
 Society and the sacred in modern France, 1685-1815 (10 credits) *or* Napoleon, Empire and Europe (10 credits)  
 Empire, culture and community: imperial Britain in the eighteenth century (10 credits)  
 Eighteenth-century Dublin (10 credits)  
 Slavery in American history (10 credits)  
 Colonial Ireland, colonial India (10 credits)  
 History writing in Britain and Ireland, 1820-1920 (10 credits)  
 Literature and politics in modern Ireland (10 credits)  
 The First World War in Germany and Italy (10 credits)  
 Popular culture in twentieth-century Ireland (10 credits)  
 Writing the history of the Irish revolution (10 credits)  
 Britain and the Near and Middle East during the Second World War: diplomacy and strategy (10 credits)  
 Race and ethnicity in American thought since 1880 (10 credits) *or* American music (10 credits)  
 Stalinism and society (10 credits)  
 The Troubles, 1968-98: from Civil Rights to the Good Friday Agreement (10 credits)

## MODERATORSHIP IN HISTORY AND POLITICAL SCIENCE

13 For the first three years of this course, both subjects are taken on an equal basis. In the Senior Sophister year, students may choose to take both subjects equally or either subject alone.

14 For the requirements and regulations concerning the preparation and presentation of written work, the allocation of subjects and attendance at classes, see the course handbook.

15 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

16 The ECTS value of each year of the course is 60 credits.

17 Some of the options listed may not be available in a particular year.

### Junior Freshmen

#### *Modules*

A The three following modules:

- 1 PO1600 Introduction to political science (10 credits)
- 2 SO1310 Introduction to sociology (10 credits)
- 3 EC1040 Introduction to economic policy (10 credits)

B 1 Doing history (5 credits)

- 2 A module in the history of medieval Ireland *or* of medieval Europe (10 credits)
- 3 A module in the history of early modern Ireland *or* of early modern Europe (10 credits)
- 4 A five-credit module in medieval history

Students may substitute modern language electives of up to 5 credits for module 4 above.

#### *Examination<sup>11</sup>*

The examination will consist of the following elements:

- 1 One 3-hour paper on each of A above
- 2 One 3-hour paper on each 10 credit history module
- 3 One 2-hour paper, or equivalent, on each 5 credit history module

Modules are weighted according to their credit values.

To pass the Junior Freshman year, students must achieve an overall pass mark of at least 40 per cent (grade III) in both subjects and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject, and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). Module PO1600 is non-compensatable and students must pass this module in order to pass the Junior Freshman year. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

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<sup>11</sup>Students are advised to consult the handbook for further examination and assessment information.

## Senior Freshmen

### *Modules*

- A The three following modules:
  - 1 PO2610 History of political thought (10 credits)
  - 2 PO2640 International relations (10 credits)
  - 3 PO2650 Comparative politics (10 credits)
- B
  - 1 One module in the history of modern Europe *or* the history of modern Ireland *or* medieval history (10 credits)
  - 2 One module in American history *or* global/international history (10 credits)
  - 3 A group project to be assessed as two five-credit modules

Students may substitute electives of 10 credits for one of the modules under A or under B1 or B2. Students should note the following Senior Freshman prerequisites for Senior Sophister political science modules: PO2610 for PO4610; PO2640 for PO4700; and PO2650 for PO4620.

### *Examination*<sup>12</sup>

The examination will consist of the following elements:

- 1 One 3-hour paper on each of A above
- 2 One 3-hour paper on each 10 credit history module
- 3 A history group project to be examined by coursework assessment

Modules are weighted according to their credit values.

To pass the Senior Freshman year, students must achieve an overall pass mark of at least 40 per cent (grade III) in both subjects and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

## Junior Sophisters

### *Modules*

- A Three modules from those on offer in political science (30 credits)
- B One module from list I (20 credits) (see above)
- C One module from list II (b) (10 credits) (see above)

Note: Students intending to concentrate exclusively on political science in their Senior Sophister year must take and pass the module PO3600 (Research methods for political scientists) in their Junior Sophister year. PO3600 is also a prerequisite for PO4690.

### *Moderatorship examination, part I*

#### POLITICAL SCIENCE

Students will be assessed in each module by a combination of course work and formal examination.

#### HISTORY

Two 3-hour papers and two essays on the list I module; and two essays or equivalent coursework on the list II (b) module.

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<sup>12</sup>Students are advised to consult the handbook for further examination and assessment information.

All modules are weighted according to their credit values. The combined mark obtained for the political science component carries weight equal to that obtained for the history component.

To pass the Junior Sophister year (moderatorship examination, part I), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Module PO3600 is non-compensatable for students intending to take political science alone in the Senior Sophister year. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Junior Sophister year.

Students intending to take both subjects equally in the Senior Sophister year (moderatorship examination, part II) must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject in order to proceed to the final year.

Students intending to major in one subject (history or political science) in the Senior Sophister year (moderatorship examination, part II) must achieve an overall credit-weighted average mark of at least 45 per cent for the year in order to proceed to the final year.

## Senior Sophisters

### *Students taking both subjects equally*

#### *Modules*

A Two of the following:

- 1 PO4610 Contemporary political theories (15 credits)
- 2 PO4670 Political parties (15 credits)
- 3 PO4690 Issues in contemporary politics (15 credits)
- 4 PO4700 Contemporary international relations (15 credits)
- 5 PO4710 African politics (15 credits)
- 6 PO4740 Topics in political science (15 credits)
- 7 PO4750 Chinese politics (15 credits)

Please note, not all modules will necessarily be on offer each year.

B One module from list I (20 credits) (see above), not taken in the Junior Sophister year

C One module from list II (b) (10 credits) (see above), not taken in the Junior Sophister year

#### *Moderatorship examination, part II*

Students in political science will be assessed by a combination of course work and formal examination.

Two 3-hour papers and four essays in history as follows:

- 1 Two papers and two essays on the list I module
- 2 Two essays or equivalent coursework on each list II module

All modules are weighted according to their credit values.

For students taking both subjects equally in the Senior Sophister year, the moderatorship part I and moderatorship part II contribute 35 per cent and 65 per cent respectively to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

*Students taking history alone*

*Modules*

- A One module from list I (20 credits) (see above), not taken in the Junior Sophister year
- B Two modules from list II, (see above) taken in pattern (a), not taken in the Junior Sophister year in either pattern (20 credits)
- C A dissertation on an approved topic (20 credits)

*Moderatorship examination, part II*

Four 3-hour papers, four essays and a dissertation as follows:

- 1 Two papers and two essays on the list I module
- 2 One paper and one essay on each list II module
- 3 A dissertation

All modules are weighted according to their credit values.

For students majoring in one subject in the Senior Sophister year, the moderatorship part I and moderatorship part II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

*Students taking political science alone*

*Modules*

The following modules are compulsory:

- A PO4600 Research seminar in political science (15 credits)
- B PO4690 Issues in contemporary politics (15 credits)
- C Two of the following:
  - 1 PO4610 Contemporary political theories (15 credits)
  - 2 PO4620 Comparative political institutions (15 credits)
  - 3 PO4670 Political parties (15 credits)
  - 4 PO4700 Contemporary international relations (15 credits)
  - 5 PO4710 African politics (15 credits)
  - 6 PO4730 The politics of inequality (15 credits)
  - 7 PO4740 Topics in political science (15 credits)

Note: Students must have taken PO3600 to qualify for study of political science alone in the Senior Sophister year. In addition, PO2610 is a prerequisite for PO4610; PO2640 for PO4700; and PO2650 for PO4620.

*Moderatorship examination, part II*

Students will be assessed in the above by a combination of course work and formal examination.

All modules are weighted according to their credit values.

For students majoring in one subject in the Senior Sophister year, the moderatorship part I and moderatorship part II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module size may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

For lists I and II, see entry for the moderatorship course in history.

### *DEPARTMENT OF HISTORY OF ART AND ARCHITECTURE*

The Department of History of Art and Architecture, which is noted for its interest in the history of architecture as well as painting, has particular expertise in Irish, British and Spanish art. History of art and architecture is provided as part of two-subject moderatorship courses (for details, see TWO-SUBJECT MODERATORSHIP COURSES). A substantial part of the teaching is conducted in local galleries and museums, and some modules may involve compulsory study visits in Ireland. The department also offers the Diploma in the History of European Painting.

#### *DIPLOMA IN THE HISTORY OF EUROPEAN PAINTING*

1 The course provides an introductory overview of the development of European art, and consists of weekly lectures and seminars. Within a historical framework, which extends from early Christian times until the twentieth century, the teaching covers various types of media, iconographical and stylistic issues, and the different genres encountered in the post-Renaissance period. Consideration is also given to the visual and critical analysis of paintings.

##### *General regulations*

2 Application for a place on the course should be submitted to Trinity College Dublin by 1 June. Further information on the application procedures can be found at <http://www.tcd.ie/Admissions>. The number of places is limited. Those admitted to the course are required to pay the appropriate fees (see COLLEGE CHARGES).

3 The Diploma in the History of European Painting is awarded to the candidates who achieve an overall mark of 40 per cent and above in the examination. Candidates who gain an overall mark of 70 per cent or above will be awarded the diploma with distinction. Candidates with 39 per cent or less will be deemed to have failed the course. There is no supplemental examination.

##### *Examination*

4 The annual examination has three elements:

- (a) general essay and photograph paper covering the whole course, with a compulsory question on photographs of works of art (50 per cent);
- (b) an essay paper on the special topic (40 per cent);
- (c) an assessment essay: candidates must submit two essays during the year and the one with the higher mark counts towards the examination (10 per cent).

The special topics available are listed below. Candidates must notify the History of Art and Architecture Department as to their choice by 1 February.

- 1 Florentine painting and sculpture of the fifteenth century
- 2 Leonardo; Raphael; Michelangelo
- 3 Dutch art in the Golden Age
- 4 Major British and Irish painters from Hogarth to Turner
- 5 Impressionists and Post Impressionists

Titles and content of the special topics listed may be modified depending on the availability of teaching staff.

### *Scholarship and prize*

5 In the year 1934 Miss Sarah Purser and Sir John Purser Griffith, desiring to encourage the study of the history of art, and to help train persons who intend to take up the study as a career, gave £1,000 each to form two funds of equal amount, one to be administered by Trinity College Dublin, and the other by University College Dublin.

6 The income of the fund held by Trinity College is applied to provide a travelling scholarship and a prize, both of which are awarded on the basis of the annual examination for the Diploma in the History of European Painting. The value of the scholarship is approximately €508 and the value of the prize is €96.

## *VII SCHOOL OF LANGUAGES, LITERATURES AND CULTURAL STUDIES*

The School of Languages, Literatures and Cultural Studies comprises the Departments of French, Germanic Studies, Hispanic Studies, Irish and Celtic Languages, Italian, Near and Middle Eastern Studies, Russian and Slavonic Studies and the Centre for European Studies. The school offers single honor courses in early and Modern Irish and in European studies as described below. The school also offers the degrees of Bachelor in Laws and German and Bachelor in Laws and French in conjunction with the School of Law (see VIII below), the degree of Bachelor in Business Studies and a Language in conjunction with the Trinity Business School (see II above) and the Moderatorship in Irish Studies in conjunction with the School of Histories and Humanities and the School of English (see XVI below). Eight subjects, early Irish, French, German, Italian, Jewish and Islamic civilisations, Modern Irish, Russian and Spanish are offered as part of two-subject moderatorship courses (for details see TWO-SUBJECT MODERATORSHIP COURSES). It also provides the language components of the Moderatorship in Computer Science and Language (see XV below).

### **DEGREE OF BACHELOR IN BUSINESS STUDIES AND A LANGUAGE**

Please refer to the full entry in the Trinity Business School.

### *DEPARTMENT OF IRISH AND CELTIC LANGUAGES*

#### **MODERATORSHIP IN EARLY AND MODERN IRISH**

1 Early and Modern Irish provides students with a training in the critical study of the language, literature and culture of Ireland and Gaelic Scotland from the earliest period from which records are extant down to modern times. A wide range of texts and authors is studied and students are introduced to the basic skills of linguistic and literary analysis as well as to the elements of social history, palaeography and comparative philology.

The course has two components, an early component which comprises all aspects of the subject down to the twelfth century, and a modern component which similarly covers the period from the end of the twelfth century to the present day. The early component includes a study of the Celtic and Indo-European relationships of the Irish language.

Senior Freshmen and Junior Sophisters may, in place of aspects of literary study, opt to take modules in linguistics offered by the Centre for Language and Communication Studies. Details of the arrangement are agreed at the beginning of each year with the students concerned.

In their Senior Sophister year students continue their studies in either the early or the modern component alone. The specific aim of the modules in the Senior Sophister year is to develop in the students the skills and talents required for independent study and research. In particular the dissertation provides an opportunity and a stimulus in that direction; while the module in Irish palaeography is designed to give students an awareness of the manuscript tradition and to enable them to deal with manuscript texts, should they wish to pursue research in the earlier textual tradition.



Lists of prescribed books and recommended reading are available from the Department of Irish and Celtic Languages.

The ECTS value of each year of the course is 60 credits.

### *Examinations*

2 In the Freshman years students must pass the examinations prescribed for each component of the course. In the Sophister years students take examinations in the components as set out below.

3 To pass each of the Freshman years, students must achieve an overall pass mark of at least 40 per cent (grade III) in both components and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. Students may pass the Junior Freshman or Senior Freshman year by compensation if they achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each component, and either (a) pass outright modules totalling at least 25 credits in each component and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one component, and modules totalling at least 20 credits in the other component, and achieve a mark of at least 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

4 To pass the Junior Sophister year (moderatorship examination, part I), students must achieve an overall credit-weighted average mark in each component and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve a credit-weighted average mark of at least 40 per cent (grade III) in each component, pass outright modules totalling at least 20 credits in each component, and achieve a mark of at least 30 per cent in any failed module(s). The designation of certain modules or module components as non-compensatable may reduce the level of compensation permitted. There are no supplemental examinations in the Junior Sophister year.

5 To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits if they have passed outright modules totalling 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted. There are no supplemental examinations in the Senior Sophister year.

6 The examination held at the end of the Junior Sophister year is part I of the moderatorship examination; the examination held at the end of the Senior Sophister year is part II of the moderatorship examination, with part I and part II contributing equally to the calculation of the degree result.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

*Modules and examinations*

**Junior Freshmen**

*Modules*

EARLY COMPONENT

- Introduction to Old Irish I
- Old Irish prose I
- Early Irish sagas I
- The sources of early Irish literature and introduction to poetry

MODERN COMPONENT

- Language study and language laboratory practice
- Social history of Modern Irish
- Selected twentieth-century poetry and fiction
- Introduction to Classical Modern Irish prose and verse

*Assessment and examination*

- Two 3-hour papers on the early component
- Three 2-hour papers on the modern component and a *viva voce* examination

In the final assessment of the early component, performance in written exercises and essays during the Junior Freshman year is taken into account.

In the final assessment of the modern component, performance in written language exercises and essays during the Junior Freshman year is taken into account.

Modules are weighted according to their credit values.

**Senior Freshmen**

*Modules*

EARLY COMPONENT

- Old Irish glosses
- Introduction to Old Irish II
- Early Irish sagas II
- Old Irish prose II
- Old Irish poetry II

MODERN COMPONENT

- Language study and language laboratory practice
- Introduction to Scottish Gaelic
- Survey of Irish oral literature<sup>13</sup>
- Readings in Classical Modern Irish verse
- Twentieth-century poetry

*Examination*

- Two 3-hour papers on the early component
- Two 3-hour papers on the modern component and a *viva voce* examination

In the final assessment of the early component, performance in written exercises and essays during the Senior Freshman year is taken into account.

In the final assessment of the modern component, performance in essays during the Senior Freshman year is taken into account.

Modules are weighted according to their credit values.

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<sup>13</sup>Students may, with the permission of the head of department, take a Broad Curriculum module as a substitute for this module.

## Junior and Senior Sophisters

### Modules

#### EARLY COMPONENT

##### *Junior Sophisters*

Introduction to Middle Irish  
History of the language (Primitive Irish and Ogam)  
Texts<sup>14</sup>  
Middle Irish texts A  
Early Irish poetry A  
Ecclesiastical prose A  
Secular narrative A

##### *Senior Sophisters*

Early Irish legal texts  
History of the language (comparative morphology and phonology)  
Irish palaeography  
Texts<sup>15</sup>  
Middle Irish texts B  
Early Irish poetry B  
Ecclesiastical prose B  
Secular narrative B

Senior Sophisters are required to write a dissertation (of about 10,000 words) on a topic approved by the head of department.

#### MODERN COMPONENT

### Core modules

##### *Junior Sophisters*

Composition  
Scottish Gaelic language

##### *Senior Sophisters*

Irish palaeography  
Early Irish saga  
Composition  
Scottish Gaelic language

### Options

In addition to the core modules, which are obligatory, students are required to take four options in each Sophister year, two from list 1 and two from list 2. (Availability of options will depend on availability of staff and on student demand. Options paired (a) and (b) will be offered in alternate years.)

- 1.1 (a) Seventeenth-century post-Classical poetry
- (b) The Midnight Court and other texts
- 1.2 (a) Ossianic and romantic prose
- (b) Ossianic poetry
- 1.3 (a) Classical Modern Irish verse A
- (b) Classical Modern Irish verse B

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<sup>14</sup>These and texts B in the Senior Sophister year will be taken by Junior and Senior Sophisters together in alternate years.

<sup>15</sup>These and texts A in the Junior Sophister year will be taken by Junior and Senior Sophisters together in alternate years.

- 1.4 (a) History of the Irish language
- (b) History of Irish personal names and surnames
- 2.1 (a) Language variation
- (b) Oral literature
- 2.2 (a) Eighteenth-century verse
- (b) Nineteenth-century literature and the revival
- 2.3 (a) Twentieth-century prose I — novel or short story
- (b) Twentieth-century prose II — autobiography or drama

Senior Sophisters are required to write a dissertation (of about 10,000 words) on a topic approved by the head of department.

### *Examinations*

#### *Junior Sophister examination*

##### EARLY COMPONENT

All Junior Sophisters will be assessed by formal examination (four papers) reflecting the credit weighting of each examined element and by assignments as specified in the departmental handbook.

##### MODERN COMPONENT

All Junior Sophisters will be assessed by formal examination (four papers) reflecting the credit weighting of each examined element and by assignments as specified in the departmental handbook as well as a *viva voce* examination.

#### *Senior Sophister examination*

##### EARLY COMPONENT

Senior Sophister students will be assessed by formal examination (four papers) reflecting the credit weight of each examined element and by dissertation.

##### MODERN COMPONENT

Senior Sophister students will be assessed by formal examination (four papers) reflecting the credit weight of each examined element, by dissertation and by a *viva voce* examination.

### *CENTRE FOR EUROPEAN STUDIES*

#### *MODERATORSHIP IN EUROPEAN STUDIES*

##### *Admission*

1 Students entering this course will study two languages from French, German, Italian, Polish, Russian and Spanish. Italian, Polish, Russian and Spanish are available from beginner level. No student may study more than one language as a beginner. Students accepted into this course, subject to the above regulations, will normally have at least a higher level grade C in the Leaving Certificate or equivalent, in two languages other than English and Irish (C1 in the case of French and German and C2 in the case of Spanish if non-beginners). Students who have only one language (other than English or Irish) may also be admitted, subject to the above regulations, if they achieve a higher level grade B in the language in the Leaving Certificate, or equivalent. For further details contact the Academic Registry, Trinity College, Dublin 2, before 1 February of the proposed year of entry.

##### *Aim of course and subjects of study*

2 European studies is an interdisciplinary course with three related aims: to give students practical mastery of two of six languages (French, German, Italian, Polish, Russian and Spanish); to introduce them to three academic disciplines – history of ideas, history, and social sciences

(including politics); and through these disciplines to focus, as the area of study, on Europe. A year's study at a continental university is a compulsory part of the course.<sup>16</sup>

3 Two languages are studied equally in each of the Freshman years. One is chosen by the beginning of Hilary term of the Senior Freshman year as the major language for the Junior Sophister year, spent abroad, and for moderatorship. The second language is studied as a minor language for moderatorship. In moderatorship, students are examined in productive and receptive skills in the major language, and principally in receptive skills in the minor language. A distinction in spoken language may be awarded in moderatorship, at the discretion of the examiners, to candidates in the major language. Language teaching is related to the needs and subject matter of the course as a whole.

4 In addition to language work, the Junior Freshman year consists of foundation modules in social sciences and in the history of ideas, and a module in early modern history. The Senior Freshman year contains a compulsory module in the history of ideas in the age of Enlightenment and revolution, and a module in modern history. Students will take a further module, chosen from either history or social sciences.

5 The Sophister years allow students to define their own academic path at an advanced level within the disciplines of the course. In the Junior Sophister year abroad, students choose from a prescribed range of options at their exchange university. The Senior Sophister year, in addition to language work, comprises a compulsory module 'Modernity and society: ideas and culture in Europe since 1850' based on a series of major European texts and specialised study in options available in all three disciplines. As an alternative to one of these options, students are strongly encouraged to write a dissertation using research undertaken during their Junior Sophister year abroad.

6 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

7 The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister 45-60 credits, or equivalent; Senior Sophister 60 credits.

#### *Modules and examinations*

##### **Junior Freshmen**

- 1 Two of the following:
  - (a) French language
  - (b) German language
  - (c) Italian language
  - (d) Polish language
  - (e) Russian language
  - (f) Spanish language
- 2 Early modern European history
- 3 Introduction to social science
- 4 Introduction to the history of ideas (either first or second semester)

Examinations on all aspects of the course are held in Trinity term. In the case of some modules, assessment may include submitted work or tests. Candidates are required to satisfy the examiners in each of the components listed above. To pass the Junior Freshman year students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) for the

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<sup>16</sup>Applicants should bear in mind that although normally no tuition fees are payable to universities in continental Europe (with the exception of Russia), financing the year abroad may be more onerous than in the case of a normal year's study.

year and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the credit value of modules may reduce the level of compensation permitted in any year. Students, in the Junior Freshman year, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

### Senior Freshmen

- 1 Two of the following:
  - (a) French language
  - (b) German language
  - (c) Italian language
  - (d) Polish language
  - (e) Russian language
  - (f) Spanish language
- 2 Modern European history
- 3 The making of modernity, 1750-1820
- 4 One of the following:
  - (a) European societies
  - (b) History module(s) from those listed in the course handbook
  - (c) Intermediate economics<sup>17</sup>
  - (d) International relations<sup>18</sup>
  - (e) Comparative politics

Examinations in all aspects of the course are held in Trinity term. In the case of some modules, assessment may include submitted work. Candidates are required to satisfy the examiners in the language chosen as their major language for moderatorship. To pass the Senior Freshman year students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) for the year and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the credit value of modules may reduce the level of compensation permitted in any year. Students, in the Senior Freshman year, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

### Junior Sophisters

Modules are taken from a prescribed range of options at an exchange university in the country of the student's major language. Students must comply with the assessment requirements at the foreign university to the satisfaction of the home examiners. Students must obtain not less than

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<sup>17</sup>Students who wish to take this module must seek permission from the Head of Economics before the end of the Hilary term of their Junior Freshman year, before declaring their Senior Freshman module choice.

<sup>18</sup>In order to take any political science module in the Senior Sophister year, students must pass one of the Senior Freshman modules offered in that subject area with a minimum mark of 40 per cent. In addition, students intending to take the international relations module in the Senior Sophister year must pass the Senior Freshman international relations module with a minimum mark of 40 per cent.

45 ECTS, or equivalent, from the exchange university in order to pass the year. Language modules are not normally taken into account when calculating these credits. Students who fail the year at their exchange university may take supplemental examinations in accordance with the practice at that university. Otherwise, arrangements will be made for the year to be repeated in Trinity College, subject to the discretion of the examiners.

### Senior Sophisters

- 1 Two of the following (one as major, the other as minor, language):
  - (a) French language
  - (b) German language
  - (c) Italian language
  - (d) Polish language
  - (e) Russian language
  - (f) Spanish language
- 2 Modernity and society: ideas and culture in Europe since 1850
- 3 (a) One module from those listed under list 1 in the course handbook  
or  
(b) Two modules from those listed under list 2 in the course handbook

#### *Moderatorship*

Moderatorship is taken at the end of the Senior Sophister year. Candidates must satisfy the examiners in the major language component in order to pass the moderatorship examination. In some languages, an element of these papers may consist of assessed work completed prior to the examination. In some list 1 and list 2 modules, submitted course work counts for a proportion of the moderatorship mark. 'Modernity and society: ideas and culture in Europe since 1850' is examined by essay submissions, as follows: two essays must be submitted, one by the first Thursday of Hilary term, the other by the last Thursday of Hilary term; the average of the two marks becomes the assessment for moderatorship. In calculating the moderatorship result all modules are weighted according to their credit values.

The ECTS credits are allocated as follows:

	<i>ECTS</i>
Languages:	
<i>Major language:</i>	20
Papers in language competence	
Oral examination	
Aural examination	
<i>Minor language:</i>	10
Textual analysis and comprehension (3 hours)	
Modernity and society: ideas and culture in Europe since 1850 (assessed essays)	10
In addition students can select one of the following three combinations:	20
One list 1 module: two papers of up to 3 hours	
Two list 2 modules: one paper of up to 3 hours	
One list 2 module: one paper of up to 3 hours and a dissertation	

To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) for the year and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the credit value of modules may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

### VIII SCHOOL OF LAW

1 The School of Law offers the degree of Bachelor in Laws. In conjunction with the School of Languages, Literatures and Cultural Studies, the School of Law offers the degrees of Bachelor in Laws and German and Bachelor in Laws and French as described below. In conjunction with the Trinity Business School, the School of Law offers the degree of Bachelor in Laws and Business. In conjunction with the School of Social Sciences and Philosophy, the School of Law offers the degree of Bachelor in Laws and Political Science. None of these degrees entitles a person to practise law as a barrister or solicitor. Information about this should be obtained from the appropriate professional body.

#### DEGREE OF BACHELOR IN LAWS (LL.B.)

##### *Introduction*

2 The degree of Bachelor in Laws (LL.B.) normally requires four years of study. In the Junior and Senior Freshman years students study the common law, statutory law and European Union law. In the Junior and Senior Sophister years, students have a wide choice of modules. In the Senior Sophister year, students are given the choice, as part of their studies, of engaging in a substantial piece of independent research. The degree course is specifically designed to enable students to participate in the ERASMUS programme (and other similar international exchange arrangements to which the School of Law is a signatory). In particular, the ERASMUS programme involves study for one academic year at another European university outside the State. The student's academic performance at that university counts towards a significant portion of his or her overall degree.

The ECTS value of each of the four years of the course undertaken in the College is 60 credits. A different credit value for a year studied in another institution as part of the ERASMUS or other exchange programme may be approved subject to a minimum of 45 credits.

3

##### *Modules*

#### **Junior Freshmen**

- Foundations of law (10 credits)
- Law of contract (10 credits)
- Constitutional law I (10 credits)
- Legislation and regulation (10 credits)
- Law of tort (10 credits)
- Criminal law (10 credits)

#### **Senior Freshmen**

- Constitutional law II (10 credits)
- European Union law (10 credits)
- Land law (10 credits)
- Equity (10 credits)
- Administrative law (10 credits)
- Private law remedies (10 credits)

#### **Junior and Senior Sophisters**

In each of the Sophister years, students must complete 60 credits composed of modules drawn from the list set out below. The research dissertation module is not available to Junior Sophister students. Students must inform the head of the school or his/her nominee of their choice of modules for the following year on or before the eighth Friday of Hilary term. Students may, subject to timetabling constraints, change their choice of modules for each term, provided they obtain the approval of the head of the school or his/her nominee before the end of the first



week of teaching in Michaelmas term for their Michaelmas term modules and before the first week of teaching in Hilary term for their Hilary term modules. Students are reminded that the professional bodies insist on certain modules being studied at University. The school has the right to fix a quota for any particular module, or to withdraw a module, or, in a particular academic year, to decline to offer a module or to introduce an additional module.

The Sophister modules are as follows:

Advanced European Union law (10 credits)	Criminology (10 credits)
Advanced evidence (5 credits)	Critical perspectives on law (5 credits)
Child law (5 credits)	Current issues in constitutional law (5 credits)
Collective labour law (10 credits)	Economic and legal aspects of competition policy (10 credits)
Commercial law (10 credits)	Employment law (10 credits)
Company law (10 credits)	English land law (10 credits)
Comparative law (5 credits)	Environmental law (10 credits)
Conflict of laws (10 credits)	Equity (10 credits)
Contemporary issues in law and political science (5 credits) <sup>19</sup>	European human rights law (10 credits)
Corporate governance (5 credits)	Planning law (10 credits)
Evidence (10 credits)	Private international family law (5 credits)
Family law (10 credits)	Public interest law (10 credits)
Food law (10 credits)	Public international law (10 credits)
Intellectual property law (10 credits)	Refugee law (10 credits)
International human rights law (10 credits)	Research dissertation (10 credits)
International trade law (5 credits)	Sports law (10 credits)
Jurisprudence (10 credits)	Tax law (10 credits)
Legal philosophy (5 credits)	Transnational contract law (10 credits)
Media law (10 credits)	Broad Curriculum (5 credits)
Penology (5 credits)	Continuing legal education (10 credits)
Medical law and ethics (10 credits)	Current issues in the legal profession (5 credits)

The school will determine in which semester and at what time each module will be offered. The school reserves the right to timetable modules at the same time. The school may require that a student have undertaken a particular 10 credit module as a precondition of undertaking a particular 5 credit module. Students may undertake a module offered under the Broad Curriculum other than one offered by the School of Law. Senior Sophister students may only undertake the research dissertation module with the permission of the head of the school or his/her nominee. In this regard, students must nominate their choice of topic in the same way and at the same time as the choice of other modules.

#### *Examinations and assessment*

4 In the Junior Freshman, Senior Freshman and Junior Sophister years, there are two examination sessions: annual and supplemental. Students are, in the first instance, required to present for examination at the annual session for their class. In order to rise with their class, students must obtain at least a third class honor at one of the examination sessions. In the Senior Sophister year, there is one examination session: annual. Subject to prior approval, an examiner may award marks for a module in respect of class work.

Successful candidates at examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. The mark for the year is the overall credit-weighted average mark.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules

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<sup>19</sup>Only available to Sophister law and political science students.

outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman and the Junior Sophister years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period. There are no supplemental examinations in the Senior Sophister year.

The School of Law examination conventions are determined by the court of examiners and provide detailed guidelines on examination and assessment, including the research dissertation.

#### *Junior Freshman*

In the Junior Freshman year, at each examination session, there is one 2-hour paper in each of the six modules studied in that year unless otherwise directed by the School's Court of Examiners.

#### *Senior Freshman*

In the Senior Freshman year, at each examination session, there is one 2-hour paper in each of the six modules studied in that year.

#### *Junior and Senior Sophister*

The LL.B. degree examination is held in the Junior Sophister year (part I), and in the Senior Sophister year (part II) with each year contributing equally to the calculation of the degree result. Each part contains one paper in each of the modules studied in that year. There is one 2-hour paper in each of the modules offered that year, unless otherwise specified. Each module carries its credit weighting in determining the overall mark for the year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### DEGREE OF BACHELOR IN LAWS AND GERMAN (LL.B. (Ling. Germ.))

#### *Introduction*

5 The honor course in law and German normally requires four years of study, worth 240 credits in total. In the Junior and Senior Freshman years, undergraduates study aspects of the Irish and German legal systems, together with elements of common law and civil law. In addition, they study German language and culture. The Junior Sophister year is spent abroad, studying legal or related modules in a German speaking university, within the framework of the ERASMUS exchange programme. 35 per cent of final degree marks will be awarded on the basis of grades obtained during this year.

The ECTS value of each year of the course is as follows: Junior Freshman 70 credits; Senior Freshman 65 credits; Junior Sophister (year abroad) 45 credits; Senior Sophister 60 credits.

6

#### *Modules*

#### **Junior Freshmen**

- Foundations of law (10 credits)
- Law of contract (10 credits)
- Constitutional law I (10 credits)
- Criminal law (10 credits)

Introduction to the German legal system (10 credits)  
German language (10 credits)  
German text and area studies (10 credits)

### **Senior Freshmen**

Law of tort (10 credits)  
Private law remedies (10 credits)  
Equity (10 credits)  
Land law (10 credits)  
German civil law (10 credits)  
German language (10 credits)  
German cultural history (5 credits)

### **Junior Sophisters**

Students will spend this year studying legal or related modules in a German speaking university. Students will also be required to pursue specified language modules at the host university. Students are required to take at least 45 credits of substantive modules taught through German during this year. 35 per cent of final degree marks will be awarded on the basis of grades obtained during this year, as converted by the court of examiners into Trinity College grades according to the conversion tables in force and weighted according to the regulations in the course handbook. A student who fails to pass this year will be required to take a modified Junior Sophister year in Trinity College. The court of examiners may direct the student to take certain compulsory law modules.

### **Senior Sophisters**

Students will be required to study optional modules totalling 40 credits in addition to the compulsory Senior Sophister modules in German language and law which total 20 credits. In all cases, credits for the Senior Sophister year total 60.

Optional law modules may be selected from among constitutional law II, equity, administrative law and European Union law in addition to the list of modules available to Sophister students of the LL.B. degree. However, only a student who has studied European Union law as part of his/her Junior Sophister year may elect to study advanced European Union law in his/her Senior Sophister year.

As an alternative to an optional taught module in law, a student may (i) subject to the consent of the Department of Germanic Studies, take a module offered by that department, (ii) take one of the modules offered under the Broad Curriculum other than one offered by the School of Law, or a Centre for Language and Communication Studies language module on an equivalent basis, or (iii) write a research dissertation on a specific area of law (in German). The topic of the research dissertation is to be chosen by the student and is subject to the approval of the head of the school or his/her nominee.

Students must inform the head of the school or his/her nominee of their choice of modules for the following year on or before the eighth Friday of Hilary term. The choice should be made after consultation with the head of the school and their tutor. Students may, subject to timetabling constraints, change their choice of modules for each term, provided they obtain the approval of the head of the school or his/her nominee before the end of the first week of teaching in Michaelmas term for their Michaelmas term modules and before the end of the first week of teaching in Hilary term for their Hilary term modules. Students are reminded that the professional bodies insist on certain modules being studied at University. The School of Law reserves the right to fix a quota for any particular module, or to withdraw a module, or, in a particular academic year, to decline to offer a module or to introduce an additional module.

In addition to the 40 credits of optional modules described above, Senior Sophister students in law and German must follow the prescribed 20 credits of German language and law modules, as detailed in the course handbook. Senior Sophister German modules include translation and

Rhetorik, as well as German law. Written and spoken German language skills will be assessed by a combination of written and oral examinations. The Fachseminar on aspects of German and/or European law will be assessed by two essays or one dissertation and in the oral examination.

#### *Examinations and assessment*

7 In the Junior Freshman and Senior Freshman years, there are two examination sessions: annual and supplemental. Students are, in the first instance, required to present for examination at the annual session for their class. In order to rise with their class, students must obtain at least a third class honor in both the law and the language components at one of these examination sessions. Junior Sophisters studying at a foreign university are subject to that university's assessment procedures. The requirements for students to successfully pass the Junior Sophister year and rise into the Senior Sophister year are set out in the course handbook and exchange programme regulations. In the Senior Sophister year, there is one examination session: annual. Subject to prior approval, an examiner may award marks for a module in respect of class work. Successful candidates at examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. The School of Law examination conventions are determined by the court of examiners and provide detailed guidelines on examination and assessment, including the research dissertation.

#### *Junior Freshman*

In the Junior Freshman year, at each examination session, there is one 2-hour paper in each of the Irish law modules studied in that year. Subject to prior approval, an examiner may award marks for a module in respect of class work. Examination and assessment of the German language, German area studies and German law modules may comprise course work, written, aural and oral examinations. Details are contained in the course handbook. The mark for the year is the overall credit-weighted average mark. To pass the Junior Freshman year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 70 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 65 credits and achieve a minimum mark of 30 per cent in the failed module or, pass outright modules totalling 60 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted. Students, in this year, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

#### *Senior Freshman*

In the Senior Freshman year, at each examination session, there is one 2-hour paper in each of the Irish law modules studied in that year. Subject to prior approval, an examiner may award marks for a module in respect of class work. Examination and assessment of the German language, German cultural history and German law modules may comprise course work, written, aural and oral examinations. Details are contained in the course handbook. To pass the Senior Freshman year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 65 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 60 credits and achieve a minimum mark of 30 per cent in the failed module or, pass outright modules totalling 55 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted. Students, in this year, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III)

by taking such assessment components, as required, during the supplemental examination period.

#### *Junior and Senior Sophister*

The LL.B. (Ling. Germ.) degree examination comprises examinations in the Junior Sophister year (part I) and at the annual examination session of the Senior Sophister year (part II). Part I counts for 35 per cent of each student's degree grade and part II for 65 per cent. Assessment of the Junior Sophister year abroad (part I) follows the form and procedures of the host university. Marks obtained from examination in a host university shall be approved and converted into Trinity College grades by the court of examiners in order to establish a grade for part I of the LL.B. (Ling. Germ.) degree. Part II of the degree examination takes place in Trinity College at the annual examination session of the Senior Sophister year. Part II comprises one paper in each of the optional law modules studied in that year, combined with assessment of modules in German language and law. Examination and assessment of the German language and German law modules may comprise course work, written, aural and oral examinations. Details are provided in the course handbook. Subject to prior approval, an examiner may award marks for a module in respect of class work. To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the variation in module size may reduce the level of compensation permitted. There are no supplemental examinations in the Senior Sophister year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### *Transfers to and from the single honors LL.B. course*

8 In certain circumstances detailed below, students may transfer between the LL.B. (Ling. Germ.) and the LL.B. degree course. Students so transferring, in either direction, will be required to study specific modules essential to their new course.

Students who, at the end of the Junior Freshman year, have failed the language component of the course may, on the recommendation of the court of examiners, be permitted to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. Furthermore, by the end of the Senior Sophister year, a transferee student must have studied all modules that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

A student who has successfully passed the Junior Freshman year in law and German may apply to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. Furthermore, by the end of the Senior Sophister year, a transferee student must have fulfilled all the requirements that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

A student who has successfully passed the Senior Freshman year in law and German may apply to transfer to the Junior Sophister year of the single honors LL.B. course. By the end of the Senior Sophister year, a transferee student must have studied all modules that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

A student who has successfully passed the Junior Freshman year in the single honors LL.B. course may apply to transfer to the Senior Freshman year of law and German provided that the student satisfies the law and German course-specific language requirements and satisfies the

Head of the Department of Germanic Studies as to competence in the German language. Students so transferred will be required to take a modified Senior Freshman year.

*Transfer within year*

9 A student may apply to transfer to the single honors LL.B. course by the Friday of the seventh week of Michaelmas teaching term.

DEGREE OF BACHELOR IN LAWS AND FRENCH (LL.B. (Ling. Franc.))

*Introduction*

10 The honor course in law and French normally requires four years of study. In the Junior and Senior Freshman years, students study aspects of the Irish and French legal systems, together with elements of common law and civil law, as well as French civilisation. The Junior Sophister year is spent abroad, studying legal or related modules in a French speaking university, within the framework of the ERASMUS exchange programme. Students' academic performance at that university counts towards a significant portion of their overall degree. 35 per cent of final degree marks will be awarded on the basis of grades obtained during this year.

Students must study 240 ECTS of modules over the course of the degree. The ECTS value of each year of the course is 60 credits.

11

*Modules*

**Junior Freshmen**

- Foundations of law (10 credits)
- Law of contract (10 credits)
- Constitutional law I (10 credits)
- Criminal law (10 credits)
- French constitutional history and theory (5 credits)
- French constitutional law (5 credits)
- French legal system (5 credits)
- French language and civilisation (5 credits)

**Senior Freshmen**

- Law of tort (10 credits)
- Land law (10 credits)
- Equity (10 credits)
- Private law remedies (10 credits)
- Introduction to French civil law (5 credits)
- French civil law of obligations (5 credits)
- French legal methods (5 credits)
- French language and civilisation (5 credits)

**Junior Sophisters**

Students will spend this year studying legal or related modules in a French speaking university. Students will also be required to pursue a specified language module at the host university. Students are required to take at least 45 credits of substantive modules taught through French during this year. The marks received for these modules will be converted by the court of examiners into Trinity College grades according to the conversion tables in force and weighted according to the regulations in the course handbook. The highest marks received in modules amounting to 45 credits will be counted towards the student's final degree result. 35 per cent of final degree marks will be awarded on the basis of grades obtained during this year. A student who fails to pass this year will be required to repeat the year, though it may be possible to take a modified Junior Sophister year in Trinity College. The court of examiners may direct the student to take certain compulsory law modules.

## Senior Sophisters

Students must study the following compulsory French module:

French report writing (5 credits)

Students must choose additional modules amounting to 55 credits. Optional law modules may be selected from the list of modules available to Sophister students of the LL.B. degree, subject to the same provisions of the *Calendar* that apply to those modules, as well as any modules offered to Freshman students of the LL.B. degree not already studied. A student may, subject to the approval of the head of school or his/her nominee, undertake a dissertation in French law. A student may, subject to the consent of the Department of French, take a module offered by that department. Timetabling constraints may result in two modules being scheduled at the same time. In those circumstances, a student will be assigned to another module.

Students must inform the head of the school or his/her nominee of their choice of modules for the following year on or before the eighth Friday of Hilary term. The choice should be made after consultation with the head of the school and their tutor. Students may, subject to timetabling constraints, change their choice of modules for each term, provided they obtain the approval of the head of the school or his/her nominee before the end of the first week of teaching in Michaelmas term for their Michaelmas term modules and before the end of the first week of teaching in Hilary term for their Hilary term modules. Students are reminded that the professional bodies insist on certain modules being studied at University. The School of Law reserves the right to fix a quota for any particular module, or to withdraw a module, or, in a particular academic year, to decline to offer a module or to introduce an additional module.

### *Examinations and assessment*

12 In the Junior Freshman and Senior Freshman years, there are two examination sessions: annual and supplemental. Students are, in the first instance, required to present for examination at the annual session for their class. In order to rise with their class, students must obtain at least a third class honor in both the law and the language components at one of these examination sessions. Junior Sophisters studying at a foreign university are subject to that university's assessment procedures. The requirements for students to successfully pass the Junior Sophister year and rise into the Senior Sophister year are set out in the course handbook and exchange programme regulations. In the Senior Sophister year, there is one examination session: annual.

Subject to prior approval, an examiner may award marks for a module in respect of class work. Successful candidates at examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the variation in module size may reduce the level of compensation permitted in any year. Students, in the Freshman and the Junior Sophister<sup>20</sup> years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period. There are no supplemental examinations in the Senior Sophister year.

The School of Law examination conventions are determined by the court of examiners and provide detailed guidelines on examination and assessment, including the research dissertation.

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<sup>20</sup>This applies to Junior Sophister students who are repeating the year in Trinity College Dublin. Students on exchanges are subject to the course regulations of their host university.

### *Junior Freshman*

In the Junior Freshman year, at each examination session, there is one 2-hour paper in each of the Irish law modules studied in that year, unless otherwise directed by the School's Court of Examiners. Examination and assessment of the other modules may comprise course work, written, aural and oral examinations. Details are contained in the course handbook. Each module carries its credit weighting in determining the mark for the year.

### *Senior Freshman*

In the Senior Freshman year, at each examination session, there is one 2-hour paper in each of the Irish law modules studied in that year. Examination and assessment of the other modules may comprise course work, written, aural and oral examinations. Details are contained in the course handbook.

### *Junior and Senior Sophister*

The LL.B. (Ling. Franc.) degree examination comprises examinations in the Junior Sophister year (part I) and at the annual examination session of the Senior Sophister year (part II). Part I counts for 35 per cent of each student's degree grade and part II for 65 per cent. Assessment of the Junior Sophister year abroad (part I) follows the form and procedures of the host university. Marks obtained from examination in a host university shall be approved and converted into Trinity College grades by the court of examiners in order to establish a grade for part I of the LL.B. (Ling. Franc.) degree. Part II of the degree examination takes place in Trinity College at the annual examination session of the Senior Sophister year. Part II comprises one paper in each of the optional modules studied in that year, combined with assessment of the French report writing module. Examination and assessment of the French language modules may comprise course work, written, aural and oral examinations. Details are provided in the course handbook. Subject to prior approval, an examiner may award marks for a module in respect of class work. Each module carries its credit weighting.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### *Transfers to and from the single honors LL.B. course*

13 In certain circumstances detailed below, students may transfer between the LL.B. (Ling. Franc.) and the LL.B. degree course. Students so transferring, in either direction, will be required to study specific modules essential to their new course.

Students who, at the end of the Junior Freshman year, have failed the language component of the course may, on the recommendation of the court of examiners, be permitted to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. A student who has successfully passed the Junior Freshman year in law and French may apply to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. Furthermore, by the end of the Senior Sophister year, a transferee student must have studied all modules that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

A student who has successfully passed the Senior Freshman year in law and French may apply to transfer to the Junior Sophister year of the single honors LL.B. course. By the end of the Senior Sophister year, a transferee student must have studied all modules that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

A student who has successfully passed the Junior Freshman year in the single honors LL.B. course may apply to transfer to the Senior Freshman year of law and French provided that the student satisfies the law and French course-specific language requirements and satisfies the



Head of the Department of French as to competence in the French language. Students so transferred will be required to take a modified curriculum as specified by the courts of examiners.

*Transfer within year*

14 A student may apply to transfer to the single honors LL.B. course by the Friday of the seventh week of Michaelmas teaching term.

DEGREE OF BACHELOR IN LAWS AND BUSINESS (LL.B. (B.S.))

*Introduction*

15 This course offers students a firm grounding in the disciplines of law and business and enables them to develop a critical understanding of both the legal framework of business activity and the economic and commercial context in which law operates.

In the Junior Freshman year students study the common law, constitutional law, as well as management, economics, mathematics and statistics or a language. In the Senior Freshman year, students study the three compulsory law modules – constitutional law, land law and criminal law, and the three compulsory business modules – management I (organisational behaviour and principles of marketing), management II (introduction to accounting and financial analysis) and management III (introduction to finance and introduction to operations management). In the Junior and Senior Sophister years they have a wide choice of law and business modules, including European Union law, which is a compulsory module in the Junior Sophister year. In the Senior Sophister year, students are given the choice, as part of their studies, of engaging in a substantial piece of independent legal research by writing a dissertation. The Senior Sophister year also includes the option of specialising in either law or business.

Subject to approval by the Law and Business Programme Management Committee and subject to any conditions that may be set by the committee, students may participate in the ERASMUS programme (and other similar international exchange arrangements to which either the School of Law or the Trinity Business School is a signatory). The student's academic performance during the exchange counts towards a significant portion of his or her overall degree.

*Structure of the degree*

16 In addition to the prescribed lectures, students must attend designated seminars, classes and tutorials. They must also undertake prescribed assessments. Their performance in these exercises may be taken into account in assessing the year's work. Students are required to take modules to the value of 60 credits in each of the four years.

**Junior Freshmen**

*Modules*

BUSINESS

- EC1030 Mathematics and statistics (10 credits)
- EC1040 Introduction to economic policy (10 credits)
- BU1510 Introduction to organisation and management (10 credits)
- FR1040 Language – French (10 credits)
- GR1004 Language – German (10 credits)
- PLF100 Language – Polish (10 credits)
- RUF603 Introduction to Central, East European and Russian area studies (10 credits)
- RUF100 Language – Russian (10 credits)

LAW

- LA1015 Law of tort (10 credits)
- LA1023 Foundations of law (10 credits)
- LA1204 Law of contract (10 credits)

### *Course requirements*

Students must take six modules – the three law modules, EC1040, BU1510, and either EC1030, one of FR1040-RU1500 or RU1061. Students may take a language module in the Junior Freshman year only.

#### **Senior Freshmen**

##### *Modules*

###### **BUSINESS**

- BU2510 Organisational behaviour (5 credits)
- BU2520 Principles of marketing (5 credits)
- BU2530 Introduction to accounting (5 credits)
- BU2550 Introduction to finance (5 credits)
- BU2560 Introduction to operations management (5 credits)
- BU2570 Creative thinking, innovation and entrepreneurial action (5 credits)

###### **LAW**

- LA1016 Constitutional law I (10 credits)
- LA1203 Criminal law (10 credits)
- LA2020 Land law (10 credits)

### *Course requirements*

Students must take the three law modules and the six business modules.

#### **Sophister years**

In each of the Sophister years, students must complete 60 credits. Students will be required to notify their choice of modules in accordance with procedures determined by the Law and Business Programme Management Committee. Students are reminded that the professional legal bodies insist on certain modules being studied at University. Schools have the right to fix a quota for any particular module, or to withdraw a module, or, in a particular academic year, to decline to offer a module or to introduce an additional module.

Students may be required to take certain 10 credit modules as prerequisites to undertake particular 5 credit modules. Students should consult the course handbook for details. Students may undertake a module offered under the Broad Curriculum other than one offered by the School of Law or the Trinity Business School. Senior Sophister students may only undertake the legal research dissertation module with the permission of the Head of the School of Law or his/her nominee. In this regard, students must nominate their choice of topic in the same way and at the same time as the choice of other modules.

#### **Junior Sophisters**

##### *Modules*

###### **BUSINESS**

- BU3510 Marketing management (10 credits)
- BU3520 Management accounting for business decisions (10 credits)
- BU3530 Financial accounting (10 credits)
- BU3570 Human resource management (10 credits)
- BU3590 Business in society (10 credits)
- BU3600 Innovation, entrepreneurship and new venture development (10 credits)
- BU3620 Introduction to fixed income securities and alternative investments (5 credits)
- BU3630 Surveying finance (5 credits)
- BU3640 Services management (5 credits)
- BU3650 Digital technology in operations (5 credits)
- BU3660 Organisation theory and organisational analysis (5 credits)
- BU3670 Advanced topics in organisation theory and analysis (prerequisite BU3660) (5 credits)

## LAW

Students must study European Union law (10 credits) and must choose modules from the selection of Sophister modules or Freshman modules (not already studied) listed in the LL.B. (Bachelor in Laws) entry above, save that they may not study advanced European Union law in the Junior Sophister year. Students who undertake an ERASMUS exchange (or other equivalent international exchange) in their Junior Sophister year must study European Union law in either the partner institution or in their Senior Sophister year. In exceptional circumstances, the School of Law may waive this requirement.

### *Course requirements*

Students must take a combination of modules to achieve a total credit weighting of 60 ECTS – European Union law as noted above, one or two other modules from the list of law modules amounting to 10 credits, business modules amounting to 20 credits, and a combination of other modules amounting to 20 credits.

## **Senior Sophisters**

### *Modules*

#### BUSINESS

- BU4511 International business and the global economy (15 credits)
- BU4522 Exploring new product development (15 credits)
- BU4530 Financial reporting and analysis (15 credits)
- BU4550 Advances in marketing theory and practice (15 credits)
- BU4580 Managing new product development (15 credits)
- BU4620 Social entrepreneurship and social innovation: organisation and management (15 credits)
- BU4630 Economic policy and business history (15 credits)

## LAW

Students must choose modules from the selection of Sophister modules or Freshman modules (not already studied) listed in the LL.B. (Bachelor in Laws) entry above.

### *Course requirements*

Students may choose a combination of modules from the above list of options, totalling 60 credits. Students may choose to emphasise either business or law modules in this year.

### *Examinations and assessment*

17 In the Junior Freshman, Senior Freshman and Junior Sophister years, there are two examination sessions: annual and supplemental. Students are, in the first instance, required to present for examination at the annual session for their class. Successful candidates at examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

In the Senior Sophister year, there is one examination session: annual. Subject to prior approval, an examiner may award marks for a module in respect of class work.

The examination conventions are determined by the Law and Business Programme Management Committee, subject to approval by the court of examiners. The conventions provide detailed guidelines on examination and assessment, including the law research dissertation.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the variation in module size may reduce the level of compensation

permitted in any year. Students, in the Freshman and the Junior Sophister years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period. There are no supplemental examinations in the Senior Sophister year.

#### *Junior Freshman*

In the Junior Freshman year, at each examination session, there is one 2-hour paper in each of the law modules studied in that year, unless otherwise directed by the School's Court of Examiners, and one 3-hour paper in each of the business modules.

#### *Senior Freshman*

In the Senior Freshman year, at each examination session, there is one 2-hour paper in each of the law modules studied in that year and one 1½-hour examination in each of the business modules unless otherwise specified in the course handbook.

#### *Junior and Senior Sophister*

The degree examination is held in the Junior Sophister year (part I), and in the Senior Sophister year (part II) with each year contributing equally to the calculation of the degree result. Each part contains one paper in each of the modules studied in that year. There is one 2-hour paper in each of the law modules offered that year, unless otherwise specified in the course handbook. Each business module will be examined by way of a 3-hour paper unless otherwise specified in the course handbook.

Each module carries its credit weighting in determining the overall mark for the year. Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### *Transfers to the single honors LL.B. course*

18 A student who has successfully passed the Junior Freshman year in law and business may apply to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. Furthermore, by the end of the Senior Sophister year, a transferee student must have fulfilled all the requirements that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

#### *Transfer within year*

19 A student may apply to transfer to the single honors LL.B. course by the Friday of the seventh week of Michaelmas teaching term.

### **DEGREE OF BACHELOR IN LAWS AND POLITICAL SCIENCE (LL.B. (Pol. Sc.))**

20 Students may take both subjects on an equal basis throughout the four years of the course; they may take both subjects on an equal basis for three years and concentrate exclusively on political science in the fourth year; they may take both subjects on an equal basis for three years and concentrate exclusively on law in the fourth year; or they may take both subjects on an equal basis for three years and a combination of modules from each subject in their fourth year.

The ECTS value of each of the four years of the course undertaken in Trinity College is 60 credits. A different credit value for a year studied in another institution as part of the ERASMUS or other exchange programme may be approved subject to a minimum of 45 credits.

The law modules studied as part of this course are drawn from the modules offered as part of the LL.B. (Bachelor in Laws). Subject to any express statement to the contrary below, the law

modules are offered and examined in the same way as prescribed above for the LL.B. (Bachelor in Laws) course.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the variation in module size may reduce the level of compensation permitted in any year. Students, in the Freshman and the Junior Sophister years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period. There are no supplemental examinations in the Senior Sophister year.

#### *Modules and examinations*

#### **Junior Freshmen**

##### POLITICAL SCIENCE

- 1 (a) PO1600 Introduction to political science (10 credits)
- (b) SO1310 Introduction to sociology (10 credits)
- (c) EC1040 Introduction to economic policy (10 credits)

##### LAW

- 2 (a) LA1015 Law of tort (10 credits)
- (b) LA1023 Foundations of law (10 credits)
- (c) LA1204 Law of contract (10 credits)

#### *Course requirements*

Students must take six modules – the three law modules and the three political science modules.

#### *Examinations and assessment*

##### POLITICAL SCIENCE

Students will sit a 3-hour paper on each module studied.

Introduction to political science is assessed by a test and/or course work and one 3-hour examination. Introduction to sociology is assessed by a combination of course work and examination. Introduction to economic policy is assessed by a combination of tests and a 3-hour examination.

Students must pass the political science component of the examination (i.e. the papers and assessments in modules 1 (a)-(c) above) as a whole; in order to achieve this, students must pass PO1600. Students may be permitted to sit a supplemental examination in Michaelmas term.

##### LAW

The law modules will be examined in the same way as determined for that module under the LL.B. (Bachelor in Laws) entry above. Students must pass the law component of the examination (i.e. the papers and assessments in modules 2 (a)-(c) above) as a whole.

#### **Senior Freshmen**

##### POLITICAL SCIENCE

- 1 (a) PO2610 History of political thought (10 credits)
- (b) PO2640 International relations (10 credits)
- (c) PO2650 Comparative politics (10 credits)

## LAW

- 2 (a) LA1016 Constitutional law I (10 credits)
- (b) LA1203 Criminal law (10 credits)
- (c) LA2020 Land law (10 credits)

### *Examinations and assessment*

## POLITICAL SCIENCE

Students will sit a 3-hour paper on each module studied. They will be graded in each module on the basis of the examination and written work submitted during the year. Each student must achieve a pass in the political science modules considered as a whole. A student failing the annual examination in any module may be permitted to sit a supplemental examination in Michaelmas term.

Note: Students may replace one Senior Freshman module (10 credits) in political science with two modules (5 credits each) from the Broad Curriculum and language options. Students should note that Senior Freshman political science modules are prerequisites for Senior Sophister modules. PO2610 is a prerequisite for PO4610 and PO2640 is a prerequisite for PO4700.

## LAW

The law modules will be examined in the same way as determined for that module under the LL.B. (Bachelor in Laws) entry above. Students must pass the law component of the examination (i.e. the papers and assessments in modules 2 (a)-(c) above) as a whole.

### **Junior Sophisters**

Students must take modules to the value of 60 credits, 30 from each subject. Some of these modules may not be available in a particular year.

## POLITICAL SCIENCE

Students must take three modules from the selection of Junior modules on offer (30 credits).

Students intending to concentrate exclusively on political science in their Senior Sophister year must take and pass the module PO3600 (research methods for political scientists) in their Junior Sophister year. PO3600 is also a prerequisite for PO4690 (issues in contemporary politics).

## LAW

Students must study European Union law (10 credits) and must choose modules from the selection of Sophister modules or Freshman modules (not already studied) listed in the LL.B. (Bachelor in Laws) entry above, save that they may not study advanced European Union law in the Junior Sophister year. The total weighting for law modules must be 30 credits.

Students may undertake a module offered under the Broad Curriculum other than one offered by the School of Law.

Students who undertake an ERASMUS exchange (or other similar exchange arrangement) in their Junior Sophister year must study European Union law either in the partner institution or in their Senior Sophister year. In exceptional circumstances, the School of Law may waive this requirement.

### *Examinations and assessment*

*Students taking both subjects equally throughout the four years*

## POLITICAL SCIENCE

Students taking both subjects equally throughout the four years will be examined in political science by means of a 3-hour paper on each module studied. Their grade for each module will be based on the examination and course work submitted during the year.

## LAW

These students will be examined in the law modules in the same way as determined for those modules under the LL.B. (Bachelor in Laws) entry above.

### *Students concentrating exclusively on political science in the Senior Sophister year*

Students will be examined in law by means of examination papers on the modules studied.

Students intending to concentrate exclusively on political science in their Senior Sophister year must take and pass the module 'Research methods for political scientists' in their Junior Sophister year plus two other Political Science modules.

### *Students concentrating exclusively on law in the Senior Sophister year*

Students will be examined in law in the same way as determined for the relevant modules under the LL.B. (Bachelor in Laws) entry above.

Students will be examined in the political science part of the degree at the end of their Junior Sophister year.

### *Students taking a combination of modules from both subjects in the Senior Sophister year*

## POLITICAL SCIENCE

Students will be examined in political science by means of a 3-hour paper on each module studied. Their grade for each module will be based on the examination and course work submitted during the year.

## LAW

These students will be examined in the law modules in the same way as determined for those modules under the LL.B. (Bachelor in Laws) entry above.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

## Senior Sophisters

*Students taking both subjects equally* must take modules and assessments to the value of 60 credits, 30 from each subject.

## POLITICAL SCIENCE

Students must take two of the following:

- (a) PO4610 Contemporary political theories (15 credits)
- (b) PO4670 Political parties (15 credits)
- (c) PO4690 Issues in contemporary politics (15 credits)
- (d) PO4700 Contemporary international relations (15 credits)
- (e) PO4710 African politics (15 credits)
- (f) PO4740 Topics in political science (15 credits)
- (g) PO4750 Chinese politics (15 credits)

Some of these modules may not be available in a particular year.

PO3600 is a prerequisite for PO4690; PO2610 is a prerequisite for PO4610 and PO2640 is a prerequisite for PO4700.

## LAW

Students must study modules from the selection of Sophister modules or Freshman modules (not already studied) listed in the LL.B. (Bachelor in Laws) entry above to give a credit weighting of 30 credits, so that the total weighting for law modules is 30 credits.

### *Examinations and assessment*

Students taking both subjects equally throughout the four years, will be examined in political science by means of a 3-hour paper on each module studied except 'Issues in contemporary politics'. In 'Issues in contemporary politics', students will be assessed by course work only. For all other modules, the grade for each module will be based on the examination and module work submitted during the year. The final degree result is based on the overall Junior Sophister mark combined equally with the overall Senior Sophister result.

The law modules will be examined in the same way as determined for that module under the LL.B. (Bachelor in Laws) entry above.

#### **Senior Sophisters**

*Students taking only political science must take:*

- (a) PO4600 Research seminar in political science (15 credits)
  - (b) PO4690 Issues in contemporary politics (15 credits)
- and two of the following:
- (c) PO4610 Contemporary political theories (15 credits)
  - (d) PO4670 Political parties (15 credits)
  - (e) PO4700 Contemporary international relations (15 credits)
  - (f) PO4710 African politics (15 credits)
  - (g) PO4740 Topics in political science (15 credits)
  - (h) PO4750 Chinese politics (15 credits)

Some of these modules may not be available in a particular year.

Students must take PO3600 to qualify to study political science only in Senior Sophister year. In addition, PO2610 is a prerequisite for PO4610 and PO2640 is a prerequisite for PO4700.

#### *Examination*

The degree examination consists of a combination of assessed work and formal examinations in the modules taken. A candidate's overall degree grade is based upon the result of the political science part II examination, combined equally with the overall result of the Junior Sophister year.

Students taking political science only will be examined in political science by means of a 3-hour paper on each module studied except 'Issues in contemporary politics' and 'Research seminar'. In 'Issues in contemporary politics', students will be assessed by course work only. In 'Research seminar', students will be assessed on a final paper. For all other modules, the grade for each module will be based on the examination and course work submitted during the year.

#### **Senior Sophisters**

*Students taking only law*

Students must study modules from the selection of Sophister modules or Freshman modules (not already studied) listed in the LL.B. (Bachelor in Laws) entry above to give a credit weighting of 60 credits.

The law modules will be examined in the same way as determined for those modules under the LL.B. (Bachelor in Laws) entry.

The student's overall mark for the degree will be determined by combining equally the student's overall Junior Sophister mark with the overall Senior Sophister law mark.

*Students taking a combination of modules from both subjects in the Senior Sophister year*

#### **POLITICAL SCIENCE**

Students will be examined in political science by means of a 3-hour paper on each module studied. Their grade for each module will be based on the examination and course work submitted during the year.



## LAW

These students will be examined in the law modules in the same way as determined for those modules under the L.L.B. (Bachelor in Laws) entry above.

### *Transfers to the single honors LL.B. course*

21 A student who has successfully passed the Junior Freshman year in law and political science may apply to transfer to the single honors LL.B. course without loss of year but will be required to take a modified Senior Freshman course. Furthermore, by the end of the Senior Sophister year, a transferee student must have fulfilled all the requirements that an originating single honors LL.B. student studies by the end of the Senior Freshman year.

## IX SCHOOL OF LINGUISTIC, SPEECH AND COMMUNICATION SCIENCES

The School of Linguistic, Speech and Communication Sciences comprises the Centre for Language and Communication Studies, the Department of Clinical Speech and Language Studies, and the Centre for Deaf Studies and the Trinity Centre for Asian Studies. The school offers a four-year honor course leading to the degree of B.Sc. in Clinical Speech and Language Studies (a professional qualification in speech and language therapy) and a four-year honor course leading to the degree of Bachelor in Deaf Studies. It also provides the linguistics components of the Moderatorship in Computer Science and Language (see XV below), modules in theoretical and applied linguistics, and language and linguistic modules within the College's Broad Curriculum scheme.<sup>21</sup> The school's language learning facilities and resources (Arts Building, room 4091) can be used by all staff and registered students of the College.

### *DEPARTMENT OF CLINICAL SPEECH AND LANGUAGE STUDIES*

#### DEGREE OF BACHELOR IN SCIENCE (CLINICAL SPEECH AND LANGUAGE STUDIES) (B.Sc. (Clin. Lang.))

##### *Regulations<sup>22</sup>*

1 The undergraduate course in clinical speech and language studies involves an integrated course of study which is designed to equip students with a broad spectrum of knowledge, skills and competencies related to the profession of speech and language therapy. The course offered is a four-year course of honor standard leading to a degree of Bachelor in Science in Clinical Speech and Language Studies.

Graduates of the course are professionally recognised by the relevant professional organisations in Ireland and the United Kingdom and are eligible to apply to register as a professionally qualified speech and language therapist with the Health and Social Care Professionals Council (CORU).

##### *Garda/police vetting*

2 All students must satisfy College regulations on Garda or other police vetting prior to registration. If as a result of the outcome of these vetting procedures, a student is deemed unsuitable to attend clinical or other professional placements, he/she may be required to withdraw from his/her course of study.

##### *Health*

3 At the start of every academic year, each student taking the course receives written regulations, advice and guidance on matters relating to health e.g. in regard to hepatitis B and tuberculosis.

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<sup>21</sup>See GENERAL REGULATIONS AND INFORMATION, section I.

<sup>22</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

### *Precautions against infectious diseases*

4 Students must be free of any life threatening infectious condition that could be transmitted to a patient or fellow health worker. Such conditions include hepatitis B, hepatitis C, tuberculosis, chickenpox and measles. In the event of a student becoming aware of such a condition they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

### *Certificate of vaccination status*

5 In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner prior to registration to certify their vaccination status or immunity to tuberculosis, measles, rubella and chickenpox.

### *Hepatitis B*

6 Students must produce a negative hepatitis B virus infection result (i.e. negative HBsAg or in the presence of a positive HBsAg, negative HBeAg and negative HBV-DNA where applicable) carried out not more than six months prior to entry, before being permitted to register with the College. Overseas applicants are advised to undergo testing in their home country and to forward the result to the Department of Clinical Speech and Language Studies Office as soon as possible thereafter. The College reserves the right to retest prior to admission.

Students admitted to the course who are not already deemed to be immune to hepatitis B will be required to undergo a course of vaccination. Details of vaccination programmes may be obtained on request from the Department of Clinical Speech and Language Studies, Trinity College, Dublin 2.

Counselling for applicants who test positive for chronic carriage of hepatitis B virus can be arranged through the College Health Service. Applicants who are chronic viral carriers and successfully undergo treatment which renders them no longer an infectious risk to patients, may then reapply for admission to the course. All efforts will be made to reserve a place on the forthcoming student intake for such individuals.

If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to the course, the school reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted.

All costs associated with hepatitis B tests and all vaccinations must be met by the student.

### *Students with disabilities*

7 Students with a disability are encouraged to register with the Disability Service to seek supports where the disability could affect their ability to participate fully in all aspects of the course, including clinical and professional placements.

### *Placements*

8 The School of Linguistic, Speech and Communication Sciences is responsible for educating and training health care workers who will work in areas requiring serious responsibilities and trust. Training includes clinical and other professional placements which are often physically, intellectually, emotionally and ethically demanding. In clinical speech and language studies, and health sciences generally, the interests of the patient take precedence over those of the practitioner. Students who, for any reason, are unable to safely participate in clinical or other professional placements and, therefore, could cause harm to themselves or to others in such situations are required to disclose such reasons to the head of school or his/her nominee. The College fitness to practise procedures will be applied where concerns are raised in relation to a student's fitness to participate in clinical or other placements.

### *Requirements for the B.A. degree*

9 To progress to the Senior Sophister year, students must achieve an overall credit-weighted mark of at least 40 per cent (grade III) in each module and accumulate 60 credits in their Junior Sophister year. Students may choose, at the beginning of their Junior Sophister year, to opt for a non-clinical route. Such students may substitute the Linguistics Project module for the Clinical Skills module. Students who successfully pass all modules in the non-clinical route or students who otherwise successfully pass the Junior Sophister year and choose not to proceed to the Senior Sophister year, may be permitted to graduate with the ordinary B.A. degree. Students who have been unsuccessful in the examinations of the Senior Sophister year of the B.Sc. degree may nevertheless be allowed the ordinary B.A. degree on their answering in the Senior Sophister examination, provided that a special recommendation to that effect is made by the court of examiners.

Except by permission of the University Council, on the recommendation of the executive committee of the school, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University. The ordinary B.A. degree does not carry a license to practise and graduates with this degree are not eligible to register with the Health and Social Care Professionals Council (CORU).

### *Subjects of study*

10 The component subjects in each year are grouped under two headings: (i) theory and (ii) clinical practice. Throughout the course considerable emphasis is placed on the study of psychology and linguistics, in addition to aspects of speech, language and communication disability. Clinical and other practical work is a feature of each year of the course and may be scheduled both during and outside university teaching terms. This work takes place in the College itself, in clinics in Dublin, elsewhere in Ireland, and abroad. Students may be assigned to any such clinic in order to fulfil their clinical requirements.

### *Academic progress and examinations*

11 For professional reasons attendance at lectures, tutorials (including problem-based learning tutorials), and clinics is compulsory in all years. Students who have not satisfied the departmental requirements for attendance will be returned to the Senior Lecturer as non-satisfactory, in keeping with the regulations of the University Council. Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory.

12 Professional ethics and standards of conduct in relation to clinical practice must be observed throughout the course. Students are given written instructions in regard to professional matters, including clinical attendance, and are required to observe these regulations at all times. A student may be required to defer clinical practice, including any practical examination, if the head of department, on the recommendation of the practice education co-ordinator, determines that such a deferral is necessary on professional grounds. Any student who behaves in an unprofessional manner in relation to their clinical duties will be subject to disciplinary procedures, in accordance with College regulations (see GENERAL REGULATIONS AND INFORMATION, section II, §28).

13 Marks are awarded to students for continuous assessment, project work, formal examination and clinical practice. Students are required to perform satisfactorily in each type of activity. Compensation within a module may be permitted at the discretion of the court of examiners. Students who are unsuccessful in their annual examinations may be required to resubmit continuous assessment or project work, to sit a formal supplemental examination paper, or to be re-assessed in clinical practice, as appropriate.

14 The annual examinations are held during the Trinity term. Students who are unsuccessful at the annual examinations may be permitted to present themselves at a supplemental examination before the beginning of Michaelmas teaching term.

15 Each year of the course carries 60 credits. Students are normally required to pass in all modules at the annual examination, accumulating 60 credits for the year, in order to rise with their class. Senior Freshman, Junior Sophister and Senior Sophister students who are unsuccessful in clinical practice may be permitted to sit a supplemental clinical assessment.

16 Written examinations for the degree of B.Sc. with honors are taken in Trinity term. Successful candidates at the examination are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. Students who are unsuccessful at the annual examination may be permitted to present themselves at a supplemental examination at the beginning of Michaelmas term. A maximum mark of 40 per cent may be awarded for any such supplemental examination.

17 Students who are unsuccessful at the annual and supplemental examinations may be allowed to repeat the year only if a special recommendation to that effect is made to the Senior Lecturer by the court of examiners. Repetition requires full attendance at lectures and at other academic and practical instruction.

18 Students are admitted to the annual written examinations subject to satisfactory certification of clinical attendance.

#### *Modules and examinations*

### **Junior Freshmen**

#### *Modules*

- Anatomy (10 credits)
- Physiology allied health (5 credits)
- Phonetics (10 credits)
- Language, the individual and society (5 credits)
- Introduction to syntax (5 credits)
- Introduction to CHILDES (5 credits)
- Speech and hearing (5 credits)
- Social psychology and lifespan development (5 credits)
- Pre-clinical skills (5 credits)
- Clinical practice (5 credits)

Clinical practice and pre-clinical skills work includes visits to healthcare settings, residential settings and schools.

#### *Examination*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take examinations in:

- 1 Applied anatomy
- 2 Physiology
- 3 Social psychology and lifespan development
- 4 Phonetics
- 5 Linguistics: language, the individual and society; introduction to syntax; introduction to CHILDES
- 6 Speech and hearing

Students are required to achieve a pass grade in continuous assessment assignments in (a) clinical practice and (b) pre-clinical skills.

### **Senior Freshmen**

#### *Modules*

- Assessment: speech, voice, fluency (15 credits)
- Assessment: language and communication (15 credits)
- Linguistics (5 credits)

Speech sciences (5 credits)  
Cognitive and neuropsychology (5 credits)  
Clinical education (10 credits)

Students are required to attend and satisfactorily complete assessment in one of the Broad Curriculum modules (5 credits).

#### *Examination*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take examinations in:

- 1 Assessment: speech, voice, fluency
- 2 Assessment: language and communication
- 3 Cognitive and neuropsychology
- 4 Linguistics and bilingualism

Students are required to achieve a pass grade (40 per cent) in continuous assessment examinations in clinical phonetics and experimental phonetics.

Independent of any mark achieved by students on continuous assessment assignments, students are required to achieve a mark of at least 35 per cent on the examination papers *Assessment: speech, voice, fluency* and *Assessment: language and communication* and *Cognitive and neuropsychology* and achieve a minimum mark of 40 per cent on three questions within each examination paper in order to be considered satisfactory.

*Clinical practice:* Students are required to achieve a pass grade (40 per cent) in clinical practicum assessments and assignments during the year.

### **Junior Sophisters**

#### *Modules*

Intervention: speech, voice, fluency (10 credits)  
Intervention: language and communication (15 credits)  
Discourse analysis and development (10 credits)  
Neurology and psychiatry (5 credits)  
Research methods (5 credits)  
Principles and methods of empirical research (5 credits)  
Clinical skills or Linguistics project (10 credits)

#### *Examination*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take examinations in:

- 1 Intervention: speech, voice, fluency
- 2 Intervention: language and communication
- 3 Neurology
- 4 Psychiatry
- 5 Discourse analysis and development
- 6 Principles and methods of empirical research

Students are allocated to supervisors for the project in human communication and/or FEDS (feeding, eating, drinking, swallowing) during Hilary term in accordance with the rules of the school. Students are required to achieve a pass grade (40 per cent) in continuous assessment examinations in principles and methods of empirical research and in a research assignment. Independent of any mark achieved by students on continuous assessment assignments, students are required to achieve a mark of at least 35 per cent on the examination papers *Intervention: speech, voice, fluency* and *Intervention: language and communication* and achieve a minimum mark of 40 per cent on three questions within each examination paper in order to be considered satisfactory. Students are required to pass both sections of the neurology and psychiatry examination papers.

*Clinical practice:* Students are required to achieve a pass grade (40 per cent) in clinical assessments during the year.

## Senior Sophisters

### *Modules*

Management: speech, voice, fluency, dysphagia (10 credits)

Management: language and communication (10 credits)

Research (15 credits)

Clinical practice (15 credits)

Counselling principles and practice (5 credits)

Ethics, administration and reflection on practice (5 credits)

### *Examination*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take examinations in:

- 1 Management: speech, voice, fluency, dysphagia
- 2 Management: language and communication
- 3 Counselling principles and practice
- 4 Reflective studies

Students are assessed on a project related to human communication and/or FEDS (feeding, eating, drinking, swallowing), which continues from the work done in the Junior Sophister year. Where ethical approval is required for the research project, students are required to submit evidence of the committee's approval with their dissertation in order to pass the module. Students are required to achieve a pass grade (40 per cent) in continuous assessment examinations in ethics and clinical administration skills.

*Clinical practice:* Students are assessed in clinical practice during the year. In order to be returned as satisfactory in clinical practice, a student must receive a mark of 40 per cent or more on all assessments, with the exception of the summer case report and case presentation, where a small deficiency in marks may be permitted. Students must submit certified clinical practice hours, by the last day of Hilary term, in accordance with the regulations of the school.

## CENTRE FOR DEAF STUDIES

### BACHELOR IN DEAF STUDIES (B.St.Su.)

#### *Regulations*

1 The undergraduate course in Deaf studies involves an integrated course of study which is designed to equip students with a broad spectrum of knowledge, skills and competencies related to the Deaf community, its history and culture, and for those following specific paths, the profession of Irish Sign Language/English interpreting or Irish Sign Language teaching. The course offered is a four-year course of honors standard leading to a degree of Bachelor in Deaf Studies.

2 The Sophister years of the Bachelor in Deaf Studies will include specialist training options in (i) Deaf studies, (ii) Irish Sign Language (ISL)/English interpreting or (iii) Irish Sign Language (ISL) teaching. (In order to progress to the Sophister years with a specialism in Irish Sign Language (ISL)/English interpreting, students must demonstrate a minimum grade of second class (first division) in their Senior Freshman Irish Sign Language results and in the 'Translation and interpreting: philosophy and practice (TIPP)' module. To progress to the Sophister years with a specialism in Irish Sign Language (ISL) teaching, students must demonstrate a minimum grade of second class (first division) in their Senior Freshman Irish Sign Language results.)

3 Current holders of the College's undergraduate diplomas in Deaf studies, ISL/English interpreting and ISL teaching, awarded prior to 2011, who have also achieved an overall grade of

second class (second division) at diploma level, may be considered for entry to the Sophister years of the degree at the discretion of the course committee.

4 Students who have been successful in the Junior Sophister year of the Bachelor in Deaf Studies may be permitted to graduate with the ordinary B.A. degree if they choose not to complete the Bachelor in Deaf Studies (B.St.Su.) degree course. Students who have been unsuccessful in the examinations of the Senior Sophister year of the B.St.Su. degree may nevertheless be allowed the ordinary B.A. degree on their answering in the Senior Sophister examination, provided that a special recommendation to that effect is made by the court of examiners. Except by permission of the University Council, on the recommendation of the executive committee of the school, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### *Garda/police vetting*

5 All students must satisfy College regulations on Garda or other police vetting prior to registration. If as a result of the outcome of these vetting procedures, a student is deemed unsuitable to attend professional placements, he/she may be required to withdraw from his/her course of study.

#### *Students with disabilities*

6 Students with a disability are encouraged to register with the Disability Service to seek supports where the disability could affect their ability to participate fully in all aspects of the course, including professional placements.

#### *Placements*

7 Students will work in areas requiring serious responsibilities and trust. Students who, for any reason, are unable to safely participate in professional placements and, therefore, could cause harm to themselves or to others in such situations, are required to disclose such reasons to the head of school or his/her nominee. The College fitness to practise procedures will be applied where concerns are raised in relation to a student's fitness to participate in professional placements.

#### *Areas of study*

8 The component modules in each year are grouped under two headings: (i) theory and (ii) practice. Throughout the course considerable emphasis is placed on the study of culture, language and linguistics, in addition to aspects of policy relating to the situation of Deaf people educationally, legally and linguistically. Practical placement is a feature of the Junior Sophister and Senior Sophister years of the course and may be scheduled both during and outside university teaching terms. This work takes place in the College itself, in organisations of/for the deaf and hard of hearing, and in locations where deaf/hard of hearing people access services in Dublin, elsewhere in Ireland, and abroad. Students may be assigned to any such placement location in order to fulfil their placement requirements.

#### *Academic progress and examinations*

9 Attendance at lectures, tutorials (including problem-based learning tutorials), and on placements is compulsory in all years. Students who have not satisfied the requirements for attendance will be returned to the Senior Lecturer as non-satisfactory, in keeping with the regulations of the University Council. Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory.

10 Professional ethics and standards of conduct in relation to practice must be observed throughout the course. Students are given written instructions in regard to professional matters,

including attendance at placements, and are required to observe these regulations at all times. A student may be required to defer practical placement, including any practical examination, if the director, on the recommendation of the student's placement tutor, determines that such a deferral is necessary on professional grounds. Any student who behaves in an unprofessional manner in relation to their placement duties will be subject to disciplinary procedures, in accordance with College regulations (see GENERAL REGULATIONS AND INFORMATION).

11 Marks are awarded to students for continuous assessment, project work, formal examination and practical placement. Students are required to submit work and perform satisfactorily in each type of activity. Compensation within a subject area may be permitted at the discretion of the court of examiners. Students who are unsuccessful in their annual examinations may be required to resubmit continuous assessment or project work, to sit a formal supplemental examination paper, or to be re-assessed in practical work, as appropriate. Students required to repeat tasks that were originally assessed as part of a group will in such instances be set individual tasks for the supplemental examination period.

12 All students must present themselves at examinations which are held during the annual examination period in Trinity term. Students who are unsuccessful at the annual examinations will be required to present themselves at a supplemental examination at the beginning of Michaelmas term.

13 Students are normally required to pass in all modules in order to rise with their class. Compensation for a small deficiency in one module may be permitted by the court of examiners on the basis of marks received in other modules. Students who are unsuccessful in practical placement may be permitted to sit a supplemental practical assessment. Compensation within a module is possible in accordance with the course regulations.

14 Final examinations for the honors degree are taken during Trinity term of the Senior Sophister year, in accordance with course regulations published by the school prior to the beginning of the academic year. Successful candidates at the examination are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. Students may be required to sit a *viva voce* examination following the completion of the annual written examination, in accordance with the regulations of the school. Students who are unsuccessful at the annual examination may be permitted to present themselves at a supplemental examination at the beginning of Michaelmas term. A maximum mark of 40 per cent may be awarded for any module component reassessed during the supplemental examination session in the final year.

15 Students who are unsuccessful at the annual and supplemental examinations may be allowed to repeat the year only if a special recommendation to that effect is made to the Senior Lecturer by the court of examiners. Repetition requires full attendance at lectures and at other academic and practical instruction.

16 Students are admitted to the annual written examinations subject to satisfactory certification of practical placement.

#### *Course modules*

17 Assessment of modules may take the form of prescribed written assessments, performance in practical placements, sign language tests, interpreting tests, portfolio submissions, creation of multimedia materials and written examinations. The specific requirements for each module are set out in the course handbook. All modules are weighted according to their credit values.

### **Junior Freshmen**

#### *Modules*

- 1 Irish Sign Language 1 (ISL 1) (10 credits)
- 2 Irish Sign Language 2 (ISL 2) (10 credits)
- 3 Working with the Deaf community (10 credits)



- 4 Perspectives on deafness (10 credits)
- 5 Language acquisition and deafness (10 credits)
- 6 Aspects of written language (5 credits)
- 7 Broad Curriculum (5 credits)

## Senior Freshmen

### Modules

- 1 Irish Sign Language 3 (ISL 3) (10 credits)
- 2 Irish Sign Language 4 (ISL 4) (10 credits)
- 3 Interactional discourse analysis (10 credits)
- 4 Working with the Deaf community (Deaf studies and ISL teaching strand) (10 credits)  
or  
Translation and interpreting: philosophy and practice (ISL/English interpreting strand) (10 credits)
- 5 Deaf education (5 credits)
- 6 Sociolinguistics (5 credits)
- 7 Ethics 1 (5 credits)
- 8 Broad Curriculum (5 credits)

## Junior Sophisters

### Modules

#### DEAF STUDIES STRAND

- 1 Irish Sign Language 5 (ISL 5) (10 credits)
- 2 Irish Sign Language 6 (ISL 6) (10 credits)
- 3 Ethics 2 (5 credits)
- 4 Research methods (10 credits)
- 5 Deaf people and the media (10 credits)

*Practical placement:* Students are assessed on placements (15 credits).

#### ISL/ENGLISH INTERPRETING STRAND

- 1 Irish Sign Language 5 (ISL 5) (10 credits)
- 2 Irish Sign Language 6 (ISL 6) (10 credits)
- 3 Ethics 2 (5 credits)
- 4 Consecutive interpreting (10 credits)
- 5 Liaison interpreting (10 credits)

*Practical placement:* Students are assessed on placements (15 credits).

#### ISL TEACHING STRAND

- 1 Irish Sign Language 5 (ISL 5) (10 credits)
- 2 Irish Sign Language 6 (ISL 6) (10 credits)
- 3 Ethics 2 (5 credits)
- 4 Curriculum planning (10 credits)
- 5 Theories of education (10 credits)

*Practical placement:* Students are assessed on placements (15 credits).

## Senior Sophisters

### Modules

#### DEAF STUDIES STRAND

- 1 Irish Sign Language 7 (ISL 7) (10 credits)
- 2 Irish Sign Language 8 (ISL 8) (10 credits)
- 3 Advanced topics in deaf studies (10 credits)

#### 4 Research project (10 credits)

*Practical placement:* Students are assessed on placements (20 credits).

#### ISL/ENGLISH INTERPRETING STRAND

##### 1 Irish Sign Language 7 (ISL 7) (10 credits)

##### 2 Irish Sign Language 8 (ISL 8) (10 credits)

##### 3 Simultaneous interpreting 1 (10 credits)

##### 4 Simultaneous interpreting 2 (10 credits)

*Practical placement:* Students are assessed on placements (20 credits).

#### ISL TEACHING STRAND

##### 1 Irish Sign Language 7 (ISL 7) (10 credits)

##### 2 Irish Sign Language 8 (ISL 8) (10 credits)

##### 3 Teaching methods (10 credits)

##### 4 Methods of assessment (10 credits)

*Practical placement:* Students are assessed on placements (20 credits).

### X SCHOOL OF PSYCHOLOGY

#### MODERATORSHIP IN PSYCHOLOGY<sup>23</sup>

1 The undergraduate course is designed to provide a wide knowledge of the concepts, principles, theories and research methods of contemporary psychology; to develop skills of analysis and synthesis, research design, statistical description and evaluation, problem solving and computer-use and to provide practise in the design, execution, reporting and assessment of research.

The Freshman years of the course provide a broad foundation on which more advanced course work is built in the Sophister years. In the Junior Sophister year, students engage in a group project which explores applications of psychology in the community and develops the ability to work in a team. In the Senior Sophister year, each student undertakes an independent research project, the report of which constitutes a significant proportion of the final assessment. This preparation is designed to cultivate a high level of competence in scholarship and research, enabling the successful graduate to proceed directly to advanced postgraduate work and professional training.

The single honor degree currently confers eligibility for graduate membership of the Psychological Society of Ireland.

For professional work in psychology it is usually necessary to proceed to a higher degree by research or course work in the speciality of one's choice.

The ECTS value of each year of the course is 60 credits.

#### 2 *Modules*

#### Junior Freshmen

Foundation of psychological thought and application (5 credits)

Statistics and methodology (10 credits)

Research skills and methodology (10 credits)

Academic skills tutorials (5 credits)

Five foundation modules (5 credits each) from: fundamentals of neuroscience and behaviour; evolutionary psychology; thinking; perception; introduction to organisations; social psychology; personality and individual differences; psychological disorder; brain, cognition and language. Foundation modules not taken in the Junior Freshman year will be taken in the Senior Freshman year.

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<sup>23</sup>For details of psychology in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

Students are required to attend and be assessed in one of the Broad Curriculum modules (5 credits), other than that provided by the School of Psychology.

### **Senior Freshmen**

Statistics and methodology (10 credits)

Research skills and methodology (10 credits)

Academic skills tutorials (5 credits)

Personal and career development (5 credits)

Five foundation modules (5 credits each) from: fundamentals of neuroscience and behaviour; evolutionary psychology; developmental psychology; thinking; perception; introduction to organisations; social psychology; personality and individual differences; brain, cognition and language. Foundation modules not taken in the Junior Freshman year are taken in the Senior Freshman year.

Students are required to attend and be assessed in one of the Broad Curriculum modules (5 credits), other than that provided by the School of Psychology.

### **Junior Sophisters**

Practicals, methodology and statistics (10 credits)

Group project (20 credits)

Six modules (5 credits each)<sup>24</sup> from: neurological rehabilitation; the brain through the life course; clinical and experimental neuropsychology; the theory and application of behaviour analysis; child development in changing family contexts; applied issues in developmental psychology; embodiment; clinical case formulation in adult mental health; clinical psychology and intellectual disability; human sexuality; advanced individual differences; culture and health; rationality and reasoning; creativity and imagination; development of perception throughout the lifespan; the psychology of language; organisational psychology; cross-modal cognition; qualitative research methods; debates in child psychology; human factors and organisational factors; social neuroscience.

### **Senior Sophisters**

Final year project (20 credits)

Theoretical issues (10 credits)

Advanced academic skills (5 credits)

Five modules (5 credits each) from: neurological rehabilitation; the brain through the life course; clinical and experimental neuropsychology; the theory and application of behaviour analysis; child development in changing family contexts; applied issues in developmental psychology; embodiment; clinical case formulation in adult mental health; clinical psychology and intellectual disability; human sexuality; advanced individual differences; culture and health; rationality and reasoning; creativity and imagination; development of perception throughout the lifespan; the psychology of language; organisational psychology; cross-modal cognition; qualitative research methods; debates in child psychology; human factors and organisational factors; social neuroscience.

### **Notes**

The modules offered (and their corresponding assessment) may be restricted by the timetable and the availability of staff. Modules may be given in years other than those indicated. Additional modules may occasionally be provided for particular years of the course and credit for participation in these modules will be given in the assessment process. Details of such modules

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<sup>24</sup>Over the two Sophister years, students must take at least one module from each required area (biological, developmental, personality and individual differences, cognitive, social). Modules taken in Junior Sophister year may not be taken in Senior Sophister year. See School of Psychology undergraduate student handbook for details.

as become available and any requirements for attendance and participation will be published at the beginning of the academic year.

#### *Academic progress and examinations*

3 To rise with their year, students are required to attend tutorials, seminars and practical classes as required by the University Council and the school committee. They must submit satisfactory practical reports whenever required. Marks from practical work will be taken into account in the annual assessment of students' progress. Students must also satisfactorily complete any exercises set in conjunction with particular modules and pass, in accordance with the regulations of the school, the prescribed examinations.

4 Single honor examinations are held during the annual examination period in Trinity term, except where advised in the School of Psychology undergraduate student handbook.

5 To pass each of the Junior and Senior Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

6 To pass each of the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or (c) passing by aggregation. To pass by compensation students must pass outright modules totalling 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, if they have passed outright modules totalling a minimum of 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

There are no supplemental examinations in the Junior Sophister and Senior Sophister years.

7 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

8 See also section I for general faculty regulations regarding academic progress and examinations.

#### *Junior Freshman*

All examination papers are 2-hours in duration. Candidates take six papers corresponding to the foundation modules read in their Junior Freshman year. Work in statistics and methodology, research skills and methodology and in the academic skills tutorials is assessed by continuous assessment. Students who fail to present course work by the required deadline (without having sought and been granted permission for late submission) will be required to submit said work at the beginning of the supplemental session. Work in the Broad Curriculum module is assessed in a manner prescribed by that module's department or school. Modules are weighted according to

their credit values.

#### *Senior Freshman*

All examination papers are 2-hours in duration. Candidates take five papers corresponding to the foundation modules read in their Senior Freshman year. Work in statistics and methodology, research skills and methodology, academic skills tutorials and in personal and career development is assessed by continuous assessment. Students who fail to present course work by the required deadline (without having sought and been granted permission for late submission) will be required to submit said work at the beginning of the supplemental session. Work in the Broad Curriculum module is assessed in a manner prescribed by that module's department or school. Modules are weighted according to their credit values.

#### *Junior Sophister*

##### *Moderatorship examination, part I*

All examination papers are 2½-hours in duration. Candidates take papers corresponding to the modules read in their Junior Sophister year. Candidates will also be required to complete continuous assessment work for each of the modules read, for practicals, methodology and statistics and for the group project and marks from such assessments will contribute to the overall mark for the course. Modules are weighted according to their credit values. The result of the moderatorship examination, part I contributes 50 per cent to the overall degree result. Full details of course requirements and assessment procedures are available in the School of Psychology undergraduate student handbook.

#### *Senior Sophister*

##### *Moderatorship examination, part II*

All papers are 2½-hours in duration, with the exception of the general essay paper, which is of 3-hours' duration. Candidates take papers corresponding to the optional modules read in their Senior Sophister year and the general essay paper. Candidates will also be required to complete continuous assessment work for each of the optional modules read and for the advanced academic skills and theoretical issues modules and marks from such assessments will contribute to the overall mark for the course. In addition, candidates must submit two typed copies of a practical project which has been carried out during the Senior Sophister year and may also be required to attend a *viva voce* examination. Modules are weighted according to their credit values. The result of the moderatorship examination, part II contributes 50 per cent to the overall degree result. Full details of course requirements and assessment procedures are available in the School of Psychology undergraduate student handbook.

## *XI CONFEDERAL SCHOOL OF RELIGIONS, PEACE STUDIES AND THEOLOGY*

### *DEPARTMENT OF RELIGIONS AND THEOLOGY*

#### *MODERATORSHIP IN WORLD RELIGIONS AND THEOLOGY<sup>25</sup>*

The Junior Freshman year offers a range of modules which introduce students to world religions, theoretical approaches to religion, biblical studies, theology, philosophy and ethics. It sets the context for the various electives offered in the Senior Freshman and Junior Sophister years. The Senior Sophister year offers a series of electives and students write a dissertation. These electives are followed in seminars to which students contribute the results of their independent work. In both the dissertation and the electives emphasis is placed on the critical elaboration of new perspectives on particular issues, and assessment is based on demonstrated ability to present informed independent judgment.

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<sup>25</sup>For details of world religions and theology in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

The ECTS value of each of the four years of the course is 60 credits.

## Junior Freshmen

### *Modules*

All modules must be followed. 'A' and 'B' refer to the progression of modules in semester A and semester B within the same thematic areas designated by the preceding title.

- 1 Introduction to world religions  
A: Approaches to the study of religions (5 credits)  
B: World religions (5 credits)
- 2 Introduction to biblical studies  
A: Introduction to Jewish origins and the Hebrew Bible: texts and contexts (5 credits)  
B: Introduction to the New Testament: texts and contexts (5 credits)
- 3 Introduction to theology  
A: Eras and classical authors in the history of Christian thinking (5 credits)  
B: Key themes in theology (5 credits)
- 4 The 'Abrahamic faiths' in their history of reception  
A: Biblical traditions in Western art and culture (5 credits)  
B: The Qur'an and its history of reception (5 credits)
- 5 Religions in history  
A: Religions in the ancient Mediterranean (5 credits)  
B: History of religions (5 credits)
- 6 Introductions to philosophy and to theological ethics  
A: Introduction to philosophy (5 credits)  
B: Introduction to theological ethics (5 credits)

### *Academic progress and examinations*

Modules shall be assessed by annual examination and one essay or a combination of other forms of written assessment per module as specified in the departmental handbook. Modules are weighted according to their credit values.

To pass the Junior Freshman year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may affect the level of compensation permitted in any year. Students, in the Junior Freshman year, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by sitting supplemental examinations.

## Senior Freshmen and Junior Sophisters

### *Modules*

Modules in the Senior Freshman and Junior Sophister years combine and offerings rotate every other year (i.e. they are offered on alternate years) with the exception of language modules, which do not rotate from year to year. Module offerings in this year consist of between 7-10 options per semester depending on staff availability. Students take six modules per semester. Students progress from 'A' modules to 'B' modules within the same thematic areas listed below. Modules have an ECTS value of 5. Language modules carry 10 credits over two semesters for TSM students, based on two hours of teaching, and 20 credits for SH students based on three

hours and additional assignments in the Senior Freshman year. They carry 10 credits in the Junior Sophister year, based on two hours of teaching for SH and TSM students.

Rotation beginning 2015-16 academic year subject to availability of staff:

- 1 Hebrew Bible  
A: Prophets, seers and sages  
B: The development of wisdom literature
- 2 New Testament  
A: Literary and historical approaches to the Gospels  
B: Johannine writings
- 3 Systematic theology in the movements of Western thinking  
A: Hermeneutics  
B: Christology
- 4 Theological ethics  
A: Ethics, philosophical and theological  
B: Approaches to theological ethics
- 5 Reaching modernity: Christianity, Islam, Hinduism  
A: Reformation and enlightenment  
B: Current expressions and movements in Christianity, Islam and Hinduism
- 6 Religious studies  
A: Contemporary theories of religion  
B: Religion, media and public sphere
- 7 Language offerings  
Introduction to Koine Greek (Senior Freshman)  
Introduction to Classical Hebrew (Senior Freshman) (taught by the Department of Near and Middle Eastern Studies)  
Intermediate Koine Greek (Junior Sophister)  
Intermediate Classical Hebrew (Junior Sophister) (taught by the Department of Near and Middle Eastern Studies)
- 8 Broad Curriculum module and one of the modules listed under 1-6 (Senior Freshman)

#### *Academic progress and examinations*

Modules shall be assessed by annual examination and one essay or a combination of other forms of written assessment per module as specified in the departmental handbook. Modules are weighted according to their credit values. The Junior Sophister examination is part I of the moderatorship examination and carries 35 per cent of the total moderatorship mark.

To pass the Senior Freshman year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by sitting supplemental examinations.

To pass the Junior Sophister year (moderatorship examination, part I), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation, if they have a mark of less than 30 per cent in one or more

failed modules up to a maximum of 10 credits, if they have passed outright modules totalling a minimum of 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year. There are no supplemental examinations in the Junior Sophister year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

## **Senior Sophisters**

### *Modules*

A range of modules are offered in the Senior Sophister year depending upon staff availability and presence of research expertise. Students take a total of four modules, each with a 10 credit value, and write one 15,000 word dissertation (20 credits).

Selection of modules recently offered:

Advanced Greek texts

Sects and Sages: Dead Sea Scrolls

Apocalypticism and the development of early Christianity

The sensory sacred: aesthetic and material approaches to religion

Ethics and politics

Theological ethics and ecology

Religion and multiple modernities

Autonomy and disability, diversity and perfection

Theology and ethics of memory

Key Christian thinkers in modernity

Imaging God in the history of Christian art

### *Examination*

The Senior Sophister examination is part II of the moderatorship examination and contributes 65 per cent to the overall degree result. Students follow four modules and write a dissertation (15,000 words maximum inclusive of footnotes or endnotes). Each module is assessed by examination only. Modules are weighted according to their credit values. Dissertation topics are to be approved by the department and written in consultation with an appropriate staff member. Dissertations are to be submitted by the Wednesday of the tenth week of semester B.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, if they have passed outright modules totalling a minimum of 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). There are no supplemental examinations in the Senior Sophister year.

## *LOYOLA INSTITUTE*

### **MODERATORSHIP IN CATHOLIC THEOLOGICAL STUDIES**

For details of Catholic theological studies in combination with other subjects, see Two-Subject-Moderatorship courses).



The course is designed to provide students with knowledge of the Catholic theological, intellectual and cultural tradition and the critical issues that arise in the study of its origins, formative periods, and foundational documents. Students will be provided with the skills and ethical understanding to participate in current debates about the place of the Catholic intellectual tradition in a globalised world, including ecumenical dimensions of contemporary Catholic theology as it engages with other Christian traditions and other religious traditions of the world.

Each year of the course carries 60 ECTS.

#### *Academic progress and examinations*

Assessment will take a variety of forms, these will include end-of-year examination and continuous assessment. A research dissertation will form part of the Senior Sophister assessment. To rise with their year, students must (a) attend satisfactorily the lectures, seminars and tutorials, (b) perform the prescribed assignments and (c) pass the prescribed in-course tests and end of year examinations in accordance with the relevant rubrics and regulations. To pass each of the Freshman years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students in the Freshman years who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

To pass each of the Junior Sophister (moderatorship examination, part I) and Senior Sophister (moderatorship examination, part II) years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, if they have passed outright modules totalling a minimum of 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year. There are no supplemental examinations in either Sophister year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

The moderatorship result is based on the combined marks of the moderatorship part I and the moderatorship part II, which contribute 35 per cent and 65 per cent respectively.

### **Junior Freshmen**

#### *Modules*

- 1 The making of Catholic theology: the modern period (c. 1900-2000) (5 credits)
- 2 The making of Catholic theology: the patristic period (5 credits)
- 3 Introduction to Jewish origins and the Hebrew Bible: texts and contexts (5 credits)
- 4 Introduction to the New Testament: texts and contexts (5 credits)
- 5 Catholic theology in a secular age: a critical introduction (5 credits)
- 6 Liturgical theology (5 credits)

- 7 Theological anthropology A (5 credits)
- 8 Theological anthropology B (5 credits)
- 9 Foundations for theological ethics (5 credits)
- 10 Ethics and society in Catholic traditions (5 credits)
- 11 Introduction to philosophy (5 credits)
- 12 World religions (5 credits)

*Examination*

Assessment will take a variety of forms, which will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects).

Modules are weighted according to their credit values.

**Senior Freshmen**

*Modules*

- 1 The making of Catholic theology: the medieval period (5 credits)
- 2 Theology in Reformation and Counter Reformation (5 credits)
- 3 Prophets, seers and sages (5 credits)
- 4 The development of wisdom literature (5 credits)
- 5 Literary and historical approaches to the Gospels (5 credits)
- 6 Johannine writings (5 credits)
- 7 Christology and eschatology (5 credits)
- 8 God: one and three (5 credits)
- 9 The ethics of embodiment (5 credits)
- 10 Contemporary ethical issues (5 credits)

*Examination*

Assessment will take a variety of forms, which will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects).

Modules are weighted according to their credit values.

**Junior Sophister**

*Modules*

- 1 Catholic life and thought in the Age of Enlightenment (5 credits)
- 2 Mission, culture and diversity in a global world (5 credits)
- 3 Literary and historical approaches to the Gospels (5 credits)
- 4 Johannine writings (5 credits)
- 5 Prophets, seers and sages (5 credits)
- 6 The development of the wisdom literature (5 credits)
- 7 Ecclesiology: unity and diversity in Catholic Christianity (5 credits)
- 8 Eucharistic theology (5 credits)

*Optional Modules*

Senior Freshman must select 10 credits, and Junior Sophister 20 credits, from the following 5 and 10 credit modules. The module offerings may vary from year to year.

- 1 Classic spiritualities (5 credits)
- 2 Philosophy II (5 credits)
- 3 Introduction to Latin (5 or 10 credits)
- 4 Introduction to Greek (5 or 10 credits)
- 5 Introduction to Hebrew (5 or 10 credits)
- 6 Church and society: the Irish experience (5 credits)
- 7 Ecumenical theology (5 credits)
- 8 Ethics and ecology (5 credits)
- 9 The Book of Kells and Early Irish texts: a theological reading (5 credits)

- 10 Engaging with world religions (5 credits)
- 11 The ten words: ancient ethics and contemporary issues (5 credits)
- 12 Theology and social justice: community engagement in Dublin (5 credits)

One 5 credit module from the Broad Curriculum may be submitted as an optional module requirement for Senior Freshman and Junior Sophister students.

#### *Examination*

Assessment will take a variety of forms, which will include end-of-year examination and/or continuous assessment (e.g. essays, seminar presentations and team projects).

Modules are weighted according to their credit values.

### **Senior Sophister**

Students take modules to the value of 60 credits comprising one compulsory module (research dissertation of 15,000 words) and three optional modules carrying 15 credits each. 45 credits are chosen from:

(a) research interests of staff in the following thematic areas:

Advanced topics in scripture and exegesis (15 credits)

Advanced topics in systematic theology (15 credits)

Advanced topics in theological ethics (15 credits)

(b) Theology and science: the historical relationship and contemporary controversy (15 credits)

#### *Examination*

Assessment will take a variety of forms, including a research dissertation.

### *XII SCHOOL OF SOCIAL SCIENCES AND PHILOSOPHY*

1 The School of Social Sciences and Philosophy offers honor courses in philosophy, political science, economics and sociology.

The School offers the degrees of Moderatorship in Philosophy, Political Science, Economics and Sociology, Moderatorship in Philosophy and Moderatorship in Philosophy and Political Science.

In conjunction with the Trinity Business School, the school offers the degree of Moderatorship in Economic and Social Studies. In conjunction with the School of Social Work and Social Policy, the school offers the degree of Moderatorship in Sociology and Social Policy. In conjunction with the School of Law, the school offers the degree of Bachelor in Laws and Political Science. In conjunction with the School of Histories and Humanities, the school offers the degree of Moderatorship in History and Political Science. In conjunction with the School of Natural Sciences, the school offers the degree of Moderatorship on Political Science and Geography.

Three subjects, economics, philosophy and sociology are also offered as part of two-subject moderatorship courses (for details see TWO-SUBJECT MODERATORSHIP COURSES).

#### MODERATORSHIP IN HISTORY AND POLITICAL SCIENCE

2 Please see the full entry in the School of Histories and Humanities.

#### DEGREE OF BACHELOR IN LAWS AND POLITICAL SCIENCE (LL.B.)

3 Please see the full entry under the School of Law.

#### MODERATORSHIP IN PHILOSOPHY, POLITICAL SCIENCE, ECONOMICS AND SOCIOLOGY

4 This course offers an interdisciplinary approach to the study of philosophy, political science, economics and sociology. The Junior Freshman year provides introductory modules in philosophy, political science, economics (including mathematics and statistics) and sociology. In

the Senior Freshman year modules from three of the subjects are taken; in the Junior Sophister year two subjects are taken and in the Senior Sophister year students may choose to take either one or both of the subjects taken in the Junior Sophister year. The optional modules offered may vary from year to year.

In addition to the prescribed lectures, students must attend seminars and tutorials, write essays on selected topics and undertake prescribed assessments and tests. Their performance in these exercises will be taken into account in assessing the year's work.

Students are required to take modules to the value of 60 credits in each of the four years.

### *Examinations*

To rise with their class students must (a) pass the Junior Freshman examination, (b) pass the Senior Freshman examination, and (c) be placed in at least the second class in the Junior Sophister examination.

Successful candidates at the Junior Freshman, Senior Freshman and Junior Sophister examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second) and third class honors. No classes are awarded at supplemental examinations.

To pass each of the Freshman years and the Junior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the size of modules may reduce the level of compensation permitted in any year. Students in the Freshman and the Junior Sophister years who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

Supplemental examinations are provided in the Junior Freshman, Senior Freshman and Junior Sophister years. Permission to take supplemental examinations will normally be granted only to students whom the court of examiners considers to have made a serious attempt at the annual examinations. Candidates who are unsuccessful at the supplemental examinations may, at the discretion of the court of examiners, be permitted to repeat the year. Permission will normally be granted only where candidates have made a serious attempt at both the annual and supplemental examinations. Candidates who are considered not to have made a serious attempt at the examinations, whether annual or supplemental, are normally excluded from the course.

Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose, or are not permitted, to proceed to the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

## **Junior Freshmen**

### *Modules*

- PI1006 Central problems in philosophy
- PI1007 History of philosophy I
- EC1010 Introduction to economics
- EC1030 Mathematics and statistics
- PO1600 Introduction to political science
- SO1310 Introduction to sociology

All six modules are compulsory and have a weighting of 10 credits.

### *Examinations*

Junior Freshmen are assessed on their work during the year and on their results in examinations in each of the modules taken. Modules are weighted according to their credit values.

#### **Senior Freshmen**

##### *Modules*

###### PHILOSOPHY

- PI2008 History of philosophy II
- PI2009 Logic, language and science

###### POLITICAL SCIENCE

- PO2610 History of political thought
- PO2640 International relations
- PO2650 Comparative politics

###### ECONOMICS

- EC2010 Intermediate economics
- EC2020\* The economy of Ireland
- EC2030\* Economics of public policy
- EC2040 Mathematical and statistical methods

###### SOCIOLOGY

- SO2310 Introduction to social research
- SO2330 European societies
- SO2343 Gender, work and family
- SO2350 Power, state and social movements

Students must take six modules, two from each of their three subjects\*. All modules have a weighting of 10 credits.

##### *Course requirements*

Philosophy: PI2008 and PI2009

Political science: two of PO2610, PO2640, PO2650

Economics: EC2010 and EC2040\*

Sociology: two of SO2310, SO2330, SO2343, SO2350

\*Where a student does not wish to continue economics beyond the Senior Freshman year, they must take EC2010 (Intermediate economics) and one other module from either EC2020 (The economy of Ireland), EC2030 (Economics of public policy) or EC2040 (Mathematical and statistical methods). Students who wish to continue economics beyond the Senior Freshman year must take EC2010 (Intermediate economics) and EC2040 (Mathematical and statistical methods).

### *Examinations*

Senior Freshmen are assessed on their work during the year and on their results in examinations in each of the modules taken. Modules are weighted according to their credit values.

#### **Junior Sophisters**

##### *Modules*<sup>26</sup>

###### PHILOSOPHY

Please consult course/departmental handbook for module listings

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<sup>26</sup>Some of these options may not be available in a particular year.

PREREQUISITES

POLITICAL SCIENCE

PO3600	Research methods for political scientists	none
PO3630	Irish politics	none
PO3670	Democracy and development	none

ECONOMICS

EC3010	Economic analysis	EC2010 and EC2040
EC3021	Money and banking	EC2010 and EC2040
EC3030	The European economy	EC2010 and EC2040
EC3040	Economics of less developed countries	EC2010 and EC2040
EC3050	Investment analysis	EC2010 and EC2040
EC3060	Economics of policy issues	EC2010 and EC2040
EC3071	Industrial economics: competition, strategy and policy	EC2010 and EC2040
EC3080	Mathematical economics	EC2010 and EC2040
EC3090	Econometrics	EC2010 and EC2040

SOCIOLOGY

SO3200	Social theory	none
SO3230	Globalisation and development	none
SO3240	Researching society	none
SO3250	Race, ethnicity and identity	none
SO3260	Social inequality	none

Students intending to take a single subject in their Senior Sophister year may take four modules from that subject in their Junior Sophister year and two modules from their second subject; such students cannot take joint honors in their Senior Sophister year. Otherwise, students must take six modules, three from two subjects and meet the course requirements. All modules have a weighting of 10 credits.

*Course requirements*

Philosophy (single and joint): three of the philosophy modules on offer

Political science (single): PO3600, PO3630, PO3670. Module PO3600 is non-compensatable for students intending to take single honor Political Science in the Senior Sophister year.

Political science (joint): PO3600, PO3630, PO3670.

Economics (single): EC3010, EC3090; one of the other economics modules on offer

Economics (joint): three of the economics modules on offer, of which at least one must be drawn from EC3010, EC3020, EC3060, EC3090

Sociology (single): three of the sociology modules on offer

Sociology (joint): three of the sociology modules on offer

*Examinations*

Junior Sophisters are assessed on their work during the year and on their results in examinations in each of the modules taken. Modules are weighted according to their credit values. To progress to the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 50 per cent (grade of second class (second division) or better) in the Junior Sophister examination. Students who pass but who do not achieve the required mark may complete supplemental assessments in order to reach the required grade.

Students wishing to take EC4130 (Economics dissertation) in their Senior Sophister year should note that a dissertation proposal must be submitted to the Department of Economics for approval by the Monday of the final (twelfth) week of Hilary term in the Junior Sophister year.

## Senior Sophisters

### *Modules*<sup>27</sup>

#### PHILOSOPHY

Please consult course/departmental handbook for module listings.

#### PREREQUISITES

#### POLITICAL SCIENCE

PO4600	Research seminar in political science	PO3600
PO4670	Political parties	none
PO4690	Issues in contemporary politics	PO3600
PO4700	Contemporary international relations	PO2640
PO4710	African politics	none
PO4740	Topics in political science	none
PO4750	Chinese politics	none

#### ECONOMICS

EC4010	Economic theory	EC3010 and one of EC3080 and EC3090
EC4020	The world economy	EC2010
EC4090	Quantitative methods	EC3080 and EC3090
EC4100	International economics	EC2010
EC4110	Monetary thought and policy	EC2010
EC4120	Economic and legal aspects of competition policy	none
EC4130	Economics dissertation	EC2010
EC4150	Applied economics	EC2010

#### SOCIOLOGY

SO4200	Sociology dissertation	none
SO4230	Economic sociology of Europe	none
SO4253	Conflict studies	none
SO4292	Migration	none
SO4293	Digital lives and social networks	none

#### *Course requirements*

Philosophy (single): Students must take modules to the value of 60 credits, as follows:

(a) Students are required to attend and submit essays on the topics of six research seminars (40 credits), comprised of one 10 credit and two 5 credit modules in Michaelmas term and one 10 credit and two 5 credit modules in Hilary term. The seminars will each last for one full term. Students should consult the departmental handbook for details of available seminars.

(b) Students are required to write a dissertation (15 credits) during the year on a philosophically acceptable topic for which a supervisor is available. For details regarding the length and date of submission of the thesis, consult the departmental handbook

(c) Students are also required to sit one 3-hour general paper (5 credits). This paper is a general test of a candidate's philosophical ability, rather than an examination of knowledge of a particular segment of the syllabus.

Modules are weighted according to their credit values.

Philosophy (joint): Students must take modules to the value of 30 credits, as follows:

#### Option 1

(a) Students are required to attend and submit essays on the topics of three research seminars (15 credits), comprised of two 5 credit modules in Michaelmas term and one 5

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<sup>27</sup> Some of these options may not be available in a particular year.

credit module in Hilary term. The seminars will each last for one full term. Students should consult the departmental handbook for details of available seminars.

(b) Students are required to write a dissertation (15 credits) during the year on a philosophically acceptable topic for which a supervisor is available. For details regarding the length and date of submission of the thesis, consult the programme/departmental handbook.

or

#### Option 2

(a) Students are required to attend and submit essays on the topics of five research seminars (25 credits), comprised of three 5 credit modules in Michaelmas term and two 5 credit modules in Hilary term. The seminars will each last for one full term. Students should consult the programme/departmental handbook for details of available seminars.

(b) Students are required to undertake a general paper examination (5 credits).

Modules are weighted according to their credit values.

Political science (single): PO4600 and PO4690 and two other political science modules. All political science modules have a weighting of 15 credits.

Political science (joint): two of PO4670-PO4750. PO4600 is not available to joint honors students. All political science modules have a weighting of 15 credits.

Economics (single): EC4010 and three of the economics modules on offer. All economics modules have a weighting of 15 credits.

Economics (joint): Two of the economics modules on offer. EC4130 is not available to joint honors students. All economics modules have a weighting of 15 credits.

Sociology (single): SO4200 and three modules from SO4230, SO4253, SO4292, SO4293. All sociology modules have a weighting of 15 credits.

Sociology (joint): Two of the sociology modules on offer. All sociology modules have a weighting of 15 credits.

#### *Examinations*

Modules are weighted according to their credit values. To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable and/or module sizes may reduce the level of compensation or aggregation permitted. There are no supplemental examinations in the Senior Sophister year.

The moderatorship examination is held in Trinity term. A student may sit this examination only once.

Philosophy (single): Modules may be examined by a combination of assessed work and formal examination or, in some cases, by assessed work alone. Students should consult the programme/departmental handbook for details. Students are also required to submit a dissertation (see above).

Philosophy (joint): Modules may be examined by a combination of assessed work and formal examination or, in some cases, by assessed work alone. Students should consult the programme/departmental handbook for details.

Political science: Modules may be examined by a combination of assessed work and formal examination or, in some cases, by assessed work alone.



Economics: Modules are examined by a combination of assessed work and formal examination, with the exception of EC4130.

Sociology: Modules are examined by a combination of assessed work and formal examination, with the exception of SO4200.

### MODERATORSHIP IN PHILOSOPHY

5 The objectives of the moderatorship in philosophy are to develop in students the ability to reason clearly, express views lucidly, and support claims cogently, as well as to introduce students to the important ideas of the ancient and modern philosophers who have helped to shape western culture.

#### *Modules*

#### **Junior Freshmen**

- PI1003 Topics I (15 credits)  
(including problems in logic, epistemology, metaphysics and the philosophy of mind, the philosophy of science, and the philosophy of language)
- PI1004 Topics II (15 credits)  
(including problems in moral and political philosophy, philosophy of religion, and aesthetics)
- PI1010 Central problems in philosophy A (10 credits)
- PI1011 Central problems in philosophy B (5 credits)
- PI1012 History of philosophy I A (5 credits)
- PI1013 History of philosophy I B (10 credits)

#### *Examinations and assessment*

Students must take modules to the value of 60 credits. Modules are assessed by means of essays throughout the year (50 per cent) and by two 3-hour examinations in Trinity term (50 per cent). Modules are weighted according to their credit values.

To pass the Junior Freshman year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

#### **Senior Freshmen<sup>28</sup>**

- PI2014 Texts I (10 credits)  
(including those in logic, epistemology, metaphysics and the philosophy of mind, the philosophy of science, and the philosophy of language)
- PI2015 Texts II (10 credits)  
(including those in moral and political philosophy, philosophy of religion, and aesthetics)
- PI2010 History of philosophy II A (5 credits)
- PI2011 History of philosophy II B (10 credits)
- PI2012 Logic (10 credits)

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<sup>28</sup>Students may, with the permission of the head of Philosophy, take a Broad Curriculum module in the Senior Freshman year. Details are available from the head of Philosophy.

### PI2013 Language and science (5 credits)

In addition students are required to take two Broad Curriculum modules or language modules to the value of 10 ECTS, one in each semester.

#### *Examinations and assessment*

Students must take modules to the value of 60 credits. Modules are assessed by means of essays throughout the year (50 per cent) and by examinations in Trinity term (50 per cent). All examinations are of 3-hours' duration. Modules are weighted according to their credit values.

To pass the Senior Freshman year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

### **Junior Sophisters<sup>29</sup>**

Students must take modules to the value of 60 credits.

- PI3001 Philosophy of mind (10 credits)
- PI3002 Political philosophy (10 credits)
- PI3003 Topics in ancient philosophy (10 credits)
- PI3004 Topics in psychological philosophy (10 credits)
- PI3006 Topics in analytic philosophy (10 credits)
- PI3007 Moral philosophy (10 credits)
- PI3008 Philosophy of religion (10 credits)
- PI3009 Logic and philosophy (10 credits)
- PI3010 Plotinus and neo-Platonism (10 credits)
- PI3011 Aesthetics and the philosophy of literature (10 credits)
- PI3012 Applied ethics (10 credits)
- PI3013 Topics in Continental philosophy (10 credits)
- PI3015 Irish philosophy (10 credits)
- PI3016 Philosophy of fiction (10 credits)

#### *Examinations and assessment*

The Junior Sophister examinations and assessments constitute part I of the moderatorship examination and contribute 35 per cent to the total moderatorship mark. Students should consult the departmental handbook for details regarding the assessment and examination requirements for these modules. Modules are weighted according to their credit values.

To pass the Junior Sophister year (moderatorship examination, part I), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of

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<sup>29</sup>It may not be possible to offer all the options every year.

certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

There are no supplemental examinations in the Junior Sophister year.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### **Senior Sophisters**

The Senior Sophister year emphasises independent work by the students. Students must take modules to the value of 60 credits, as follows:

(a) Students are required to attend and submit essays on the topics of six research seminars (40 credits), comprised of one 10 credit and two 5 credit modules in Michaelmas term and one 10 credit and two 5 credit modules in Hilary term. The seminars will each last for one full term. Students should consult the departmental handbook for details of available seminars.

(b) Students are required to write a dissertation (15 credits) during the year on a philosophically acceptable topic for which a supervisor is available. For details regarding the length and date of submission of the thesis, consult the departmental handbook

(c) Students are also required to sit one 3-hour general paper (5 credits). This paper is a general test of a candidate's philosophical ability, rather than an examination of knowledge of a particular segment of the syllabus.

Modules are weighted according to their credit values.

The Senior Sophister examinations and assessments constitute part II of the moderatorship examination and contribute 65 per cent to the total moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

### **MODERATORSHIP IN PHILOSOPHY AND POLITICAL SCIENCE<sup>30</sup>**

6 Students may follow this course in one of three ways. They may take both subjects on an equal basis throughout the four years of the course; they may take both subjects on an equal basis for three years and concentrate exclusively on political science in the fourth year taking moderatorship part I at the end of the third year; or they may take both subjects on an equal basis for three years and concentrate exclusively on philosophy in the fourth year taking moderatorship part I at the end of the third year.

Module options may change. Module choices in any particular year may be limited by the availability of staff and timetable constraints.

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<sup>30</sup>The final Junior Freshman intake to this course was in September 2011.

## Modules and examinations

### Junior Sophisters

Students must take modules to the value of 60 credits, 30 from each subject.

#### POLITICAL SCIENCE

- 1 Students must take three of the following:
  - (a) PO3600 Research methods for political scientists (10 credits)
  - (b) PO3630 Irish politics (10 credits)
  - (c) PO3650 Government and politics of the United States (10 credits)
  - (d) PO3670 Democracy and development (10 credits)
  - (e) PO3680 European Union politics (10 credits)

Note: Students intending to concentrate exclusively on political science in their Senior Sophister year must take the module PO3600 (Research methods for political scientists) in their Junior Sophister year. PO3600 is also a prerequisite for PO4690 (Issues in contemporary politics).

#### PHILOSOPHY

- 2 Students must take three of the following modules, but are encouraged to attend the lectures relating to as many of the modules as possible:
  - PI3001 Philosophy of mind (10 credits)
  - PI3002 Political philosophy (10 credits)
  - PI3003 Topics in ancient philosophy (10 credits)
  - PI3004 Topics in psychological philosophy (10 credits)
  - PI3006 Topics in analytic philosophy (10 credits)
  - PI3007 Moral philosophy (10 credits)
  - PI3008 Philosophy of religion (10 credits)
  - PI3009 Logic and philosophy (10 credits)
  - PI3010 Plotinus and neo-Platonism (10 credits)
  - PI3011 Aesthetics and the philosophy of literature (10 credits)
  - PI3012 Applied ethics (10 credits)
  - PI3013 Topics in Continental philosophy (10 credits)
  - PI3015 Irish philosophy (10 credits)
  - PI3016 Philosophy of fiction (10 credits)

### *Examinations and assessments*

To pass the Junior Sophister year (moderatorship examination, part I), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Junior Sophister year.

In political science modules are assessed by means of course work throughout the year and a 3-hour end of year examination.

Students should consult the philosophy department handbook for details regarding the assessment and examination requirements for philosophy modules.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

*Students intending to take only political science in the Senior Sophister year*

Students intending to concentrate exclusively on political science in their Senior Sophister year must achieve an overall credit-weighted average mark of at least 45 per cent for the year in order to proceed to the final year. In this pattern the moderatorship part I contributes 50 per cent to the overall moderatorship result.

*Students intending to take only philosophy in their Senior Sophister year*

Students intending to concentrate exclusively on philosophy in their Senior Sophister year must achieve an overall credit-weighted average mark of at least 45 per cent for the year in order to proceed to the final year. In this pattern, the moderatorship part I contributes 50 per cent to the overall moderatorship result.

*Students intending to take both subjects equally*

Students intending to take both subjects equally are examined in both subjects as described above. In this pattern the moderatorship part I contributes 35 per cent to the overall moderatorship result. Such students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject in order to proceed to the final year.

## **Senior Sophisters**

*Students taking both subjects equally* must take modules and assessments to the value of 60 credits, 30 from each subject.

### **POLITICAL SCIENCE**

1 Students must take two of the following:

- PO4610 Contemporary political theories (15 credits)
- PO4620 Comparative political institutions (15 credits)
- PO4670 Political parties (15 credits)
- PO4690 Issues in contemporary politics (15 credits)
- PO4700 Contemporary international relations (15 credits)
- PO4710 African politics (15 credits)
- PO4730 Politics of inequality (15 credits)
- PO4740 Topics in political science (15 credits)

Students will be examined by means of a combination of assessed work and formal examinations in the modules taken. Some of these modules may not be available in a particular year. PO3600 is a prerequisite for PO4690; PO2610 is a prerequisite for PO4610; PO2640 is a prerequisite for PO4700; and PO2650 is a prerequisite for PO4620.

### **PHILOSOPHY**

Students must take modules to the value of 30 credits. Students must take the dissertation module (15 credits) plus 15 additional module credits *or* the general paper (5 credits) plus 25 additional module credits. Student credits must be balanced across the two teaching terms. Students should consult the programme/departmental handbook for details of available modules and for details regarding the length and date of submission of the dissertation.

All modules are weighted according to their credit values.

For students taking both subjects equally in the Senior Sophister year, the moderatorship part I and moderatorship part II contribute 35 per cent and 65 per cent, respectively, to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of

20 credits. The designation of certain modules, or module components, as non-compensatable and/or module size may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

### **Senior Sophisters**

*Students taking only political science* must take modules to the value of 60 credits.

Students must take:

- 1 PO4600 Research seminar in political science (15 credits)
- 2 PO4690 Issues in contemporary politics (15 credits)
- 3 Two of the following:
  - PO4610 Contemporary political theories (15 credits)
  - PO4620 Comparative political institutions (15 credits)
  - PO4670 Political parties (15 credits)
  - PO4700 Contemporary international relations (15 credits)
  - PO4710 African politics (15 credits)
  - PO4730 Politics of inequality (15 credits)
  - PO4740 Topics in political science (15 credits)

Some of these modules may not be available in a particular year. Students must take PO3600 to qualify to study political science only in Senior Sophister year. In addition, PO2610 is a prerequisite for PO4610; PO2640 is a prerequisite for PO4700; and PO2650 is a prerequisite for PO4620.

All modules are weighted according to their credit values.

For students majoring in political science in the Senior Sophister year, the moderatorship part I and moderatorship part II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module size may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

### **Senior Sophisters**

*Students taking only philosophy* must take modules and assessments to the value of 60 credits, as follows:

(a) Students are required to attend and submit essays on the topics of six research seminars (40 credits), comprised of one 10 credit and two 5 credit modules in Michaelmas term and one 10 credit and two 5 credit modules in Hilary term. The seminars will each last for one full term. Students should consult the departmental handbook for details of available seminars.

(b) Students are required to write a dissertation (15 credits) during the year on a philosophically acceptable topic for which a supervisor is available. For details regarding the length and date of submission of the thesis, consult the departmental handbook

(c) Students are also required to sit one 3-hour general paper (5 credits). This paper is a general test of a candidate's philosophical ability, rather than an examination of knowledge of a particular segment of the syllabus.

All modules are weighted according to their credit values.

For students majoring in philosophy in the Senior Sophister year, the moderatorship part I and moderatorship part II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To

pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

## MODERATORSHIP IN ECONOMIC AND SOCIAL STUDIES or BACHELOR IN BUSINESS STUDIES

### *Introduction*<sup>31</sup>

7 The Junior Freshman year provides introductory modules in economics, politics, sociology, mathematics and statistics, management and language, law and social policy options. In the Senior Freshman and Junior Sophister years, students read modules from the fields of economics, politics, mathematical and statistical methods, sociology, accounting, management, philosophy, law, languages and social policy. Module choices in the Senior Freshman year will determine the subject(s) students may study to degree level. From the Junior Sophister onwards, students are formally coded to the single or joint honors subjects of their choice, provided that all relevant pre-requisite modules have been completed successfully. In addition to the prescribed lectures, students must attend seminars and classes, write essays on selected topics and undertake prescribed assessments and tests. Their performance in these exercises will be taken into account in assessing their year's work.

The following courses are offered:

- (a) Moderatorship (B.A.) in Economic and Social Studies  
either
  - (i) Single honors in one of economics, political science, sociology  
or
  - (ii) Joint honors in two of business studies, economics, political science, sociology
- (b) Bachelor in Business Studies (B.B.S.)

Students are required to complete the compulsory modules for their course and to take the required number of elective modules from those offered in the relevant year. In any year, the range of elective modules offered may be limited by staff availability and certain combinations of elective modules may not be available because of timetabling constraints.

### *Examinations*

8 To rise with their class, students must (a) pass the Junior Freshman examination, (b) pass the Senior Freshman examination, and (c) be placed in the Junior Sophister examination in either the first or second class. The moderatorship (B.A.) examination and the B.B.S. degree examinations are held at the end of the Senior Sophister year. Information concerning the Junior and Senior Sophister years related to each degree is found separated out below.

Successful candidates at the Junior Freshman, Senior Freshman and Junior Sophister examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. (For the degree examinations, see below for the moderatorship (B.A.) and for B.B.S.) Students who do not appear on a published list should contact their tutor to discuss their position as soon as possible after the results are known.

The ECTS value of each year of each course is 60 credits.

To pass each of the Freshman years and the Junior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits

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<sup>31</sup>This overall programme is commonly referred to as B.E.S.S. in College.

in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the size of modules may reduce the level of compensation permitted in any year. Students in the Freshman and the Junior Sophister years who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

Supplemental examinations are provided in the Junior Freshman, Senior Freshman and Junior Sophister years.<sup>32</sup> Permission to take supplemental examinations will normally be granted only to students whom the court of examiners considers to have made a serious attempt at the annual examinations.

Candidates who are unsuccessful at the supplemental examinations may, at the discretion of the court of examiners, be permitted to repeat the year. Permission will normally be granted only where candidates have made a serious attempt at both the annual and the supplemental examinations.

Candidates who are considered not to have made a serious attempt at their examinations, whether annual or supplemental, are normally excluded from the course.

#### ACCESS TO SPECIAL DEGREE COURSE

Through credit transfer agreements with the Ecole des Hautes Etudes Commerciales (H.E.C.) a limited number of places are available on a course involving an extended period of study abroad leading to the double award of the degree of B.A. (Moderatorship) with honors or the Bachelor in Business Studies (B.B.S.) from the University of Dublin and a postgraduate qualification from the H.E.C.

##### *H.E.C. course*

Students in the Junior Sophister year of the Moderatorship in Economic and Social Studies who are reading for single honors in economics or joint honors in business studies and economics or for the Bachelor in Business Studies may apply for admission to the H.E.C. diplôme course which offers a two-year course of study in France. Upon successful completion of this course, students are eligible for the award of either the Moderatorship (B.A.) in Economic and Social Studies or the Bachelor in Business Studies from the University of Dublin together with the Diplôme de Grande Ecole from the H.E.C. Admission to the course will be on the basis of an interview and the results of the Junior Sophister examination in which applicants are required to obtain a second class (second division) result or better. Applicants should also have successfully completed the French language module at both Junior Freshman and Senior Freshman level. Students admitted to the H.E.C. course must continue to register annually at Trinity College and pay the appropriate fees to Trinity College and the H.E.C. Details of registration requirements and fees payable are available on request from the Department of Economics. Applications should be submitted on the prescribed form to the Department of Economics not later than the end of January of the proposed year of entry.

#### 9 Junior Freshmen

##### *Modules*

EC1010	Introduction to economics	GR1004	Language – German
EC1030	Mathematics and statistics	PLF100	Language – Polish

<sup>32</sup>In the Junior Sophister year, students studying abroad within ERASMUS and other exchange programmes may take supplemental examinations in accordance with the practice of the host university. Subject to the discretion of the court of examiners, arrangements will normally be made for students who fail the year abroad to repeat the year in Trinity College.



SO1310	Introduction to sociology	RUF603	Introduction to Central, East European and Russian area studies
BU1510	Introduction to organisation and management		
PO1600	Introduction to political science	RUF100	Language – Russian
SS1765	Social policy concepts/The Irish welfare state	SP1018	Language – Spanish
		LA1240	Introduction to law
FR1040	Language – French		

Each of the above modules has 10 credits.

There may be additional language requirements for students who intend to take Russian or Polish in the Senior Freshman year.

Any student wishing to keep open the option to do joint honors business and economics and continue a language module in the Senior Freshman year, for the purposes of applying to study abroad through that language in the Junior Sophister year, will be allowed to drop either EC2020 or BU2550 and BU2560 from his/her suite of modules in the Senior Freshman year but still retain the right to do Junior Sophister business and economics.

#### *Regulations*

10 Students must take six modules (totalling 60 credits) – EC1010, EC1030, SO1310, BU1510, PO1600 and either one of SS1765, LA1240, RUF603 or one of FR1040, GR1004, PLF100, RUF100, SP1018.

Students must take the Junior Freshman examination, which consists of a 3-hour paper in each module taken, in Trinity term. Modules are weighted according to their credit values.

Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

### 11 Senior Freshmen

#### *Modules*

EC2010	Intermediate economics	BU2550	Introduction to finance
EC2020	The economy of Ireland	BU2560	Introduction to operations management
EC2030	The economics of public policy		
EC2040	Mathematical and statistical methods	PO2610	History of political thought
		PO2640	International relations
PI2008	History of philosophy II B	PO2650	Comparative politics
PI2009	Logic and philosophy of science B	SS2750	Social security policy
		SS2760	Health policy
SO2310	Introduction to social research	SS2770	Housing policy
SO2330	European societies	SS2780	Crime and Irish society
SO2343	Gender, work and family	SS2785	Irish social policy 2
SO2350	Power, state and social movements	FR2040	Language – French
		GR2004	Language – German
BU2510	Organisational behaviour	PLF200	Language – Polish*
BU2520	Principles of marketing	RUF200	Language – Russian*
BU2530	Introduction to accounting	SP2021	Language – Spanish
BU2570	Creative thinking, innovation and entrepreneurial action	PI1006	Central problems in philosophy B
LA2012	Aspects of Irish law in a European context	BC	Broad Curriculum

\*subject to availability

Students may take the language module only if they have achieved at least a pass standard in the equivalent module at Junior Freshman level. Students may take the law module only if they have achieved at least a pass standard in 'Introduction to law' at Junior Freshman level. Subject

to course requirements, students may take cross-faculty modules offered under the auspices of the Broad Curriculum.

Each of the above modules has 10 credits except SS2750-SS2780, BU2510-BU2570 and the Broad Curriculum modules which have 5 credits. Students are permitted to take any one of SS2750, SS2760, SS2770, SS2780 together with a Broad Curriculum module. However if a student wishes to take two social policy modules, they must take either SS2767 or SS2785.

12 *Course requirements*

- Economics (single): EC2010, EC2020, EC2040
- Economics (joint): EC2010, EC2020, EC2040
- Political science (single): PO2610, PO2640, PO2650
- Political science (joint): at least two of PO2610, PO2640, PO2650
- Sociology (single): three of SO2310, SO2330, SO2343, SO2350
- Sociology (joint): two of SO2310, SO2330, SO2343, SO2350
- Business studies (single): BU2510, BU2520, BU2530, BU2550, BU2560, BU2570, and at least one of EC2010 or EC2020
- Business studies (joint): BU2510, BU2520, BU2530, BU2550, BU2560, BU2570

Any student wishing to do joint honors business and economics in the Junior Sophister year and continue a language module in their Senior Freshman year, for the purposes of applying to study abroad through that language in the Junior Sophister year, is permitted to drop either EC2020 or BU2570 and BU2560 from his/her suite of modules in the Senior Freshman year but still retain the right to do Junior Sophister business and economics.

*Regulations*

13 Students must take modules to the value of 60 credits and meet course requirements. Students taking business studies should pay particular attention to the prerequisites for business studies Sophister modules.

Senior Freshmen are assessed on their work during the year and on their results in an examination in Trinity term. Modules are weighted according to their credit values. Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

At the end of the Hilary term, Senior Freshman students are required to notify the BESS Course Office of the degree course (single honor or joint honor) and subjects which will be followed in the Sophister years. The choice of degree subjects must meet with the approval of the course director. Students must have fulfilled the course requirements in the Senior Freshman year for their chosen course as set out above. Subsequent transfer to a different degree course within the course may be permitted up to the end of the fourth week of the Michaelmas term of their Junior Sophister year subject to the approval of the course director and provided that the student fulfils the course requirements of the new course.

**Sophister students Moderatorship in Economic and Social Studies**

**14 Junior Sophisters**

*Modules*<sup>33</sup>

		PREREQUISITES
EC3010	Economic analysis	EC2010
EC3021	Money and banking	EC2010
EC3030	The European economy	EC2010
EC3040	Economics of less developed countries	none
EC3050	Investment analysis	EC2010 and EC2040

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<sup>33</sup> Some of these options may not be available in a particular year.

EC3060	Economics of policy issues	none
EC3071	Industrial economics: competition, strategy and policy	EC2010
EC3080	Mathematical economics	EC2040
EC3090	Econometrics	EC2040
SO3200	Social theory	none
SO3230	Globalisation and development	none
SO3240	Researching society	none
SO3250	Race, ethnicity and identity	none
SO3260	Social inequality	none
SS3380	Comparative welfare states	none
SS3390	Crime and social policy	none
BU3510	Marketing management	BU2520
BU3520	Management accounting for business decisions	none
BU3530	Financial accounting	BU2530
BU3570	Human resource management	BU1510
BU3590	Business in society	none
BU3600	Innovation, entrepreneurship and new venture development	none
BU3620	Introduction to fixed income securities and alternative investments	none
BU3630	Surveying finance	none
BU3640	Services management	none
BU3650	Digital technology in operations	none
BU3660	Organisation theory and organisational analysis	none
BU3670	Advanced topics in organisational theory and analysis	BU3660
PO3600	Research methods for political scientists	none
PO3630	Irish politics	none
PO3670	Democracy and development	none
LA3439	Public international law	LA1240
LA3445	Commercial law	LA1240 and LA2012
LA3446	Company law	LA1240 and LA2012

Each of the above modules has 10 credits except BU3620, BU3630, BU3640, BU3650, BU3660, BU3670 which have 5 credits.

15

#### *Course requirements*

Economics (single): EC3010, EC3090; one of EC3020-EC3080

Economics (joint): three of EC3010-EC3090, of which at least one must be drawn from EC3010, EC3020, EC3060, EC3090

Political science (single): PO3600, PO3630, PO3670. Module PO3600 is non-compensatable for students intending to take single honor Political Science in the Senior Sophister year.

Political science (joint): PO3600, PO3630-PO3670

Sociology (single): three of SO3200, SO3230, SO3240, SO3250, SO3260

Sociology (joint): three of SO3200, SO3230, SO3240, SO3250, SO3260

Business studies (joint): BU modules totalling 30 credits

#### *Regulations*

16 Students must take modules to the value of 60 credits and meet course requirements.

Junior Sophisters are assessed on their work during the year and on their results in an examination in Trinity term.

Modules are weighted according to their credit values. Candidates who fail to satisfy the examiners may be permitted to present themselves at a supplemental examination before the beginning of Michaelmas teaching term.

To progress to the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 50 per cent (grade of second class (second division) or better) at the Junior Sophister examination. Students who pass but who do not achieve the required mark may complete supplemental assessments in order to reach the required grade.

Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

Single honor economics students wishing to take EC4130 (Economics dissertation) in their Senior Sophister year should note that a dissertation proposal must be submitted to the Department of Economics for approval by the Monday of the final (twelfth) week of Hilary term in the Junior Sophister year.

## 17 Senior Sophisters

### *Modules<sup>34</sup>*

		PREREQUISITES
EC4010	Economic theory	EC3010 and one of EC3080 and EC3090
EC4020	The world economy	EC2010
EC4090	Quantitative methods	EC3080 and EC3090
EC4100	International economics	EC2010
EC4120	Economic and legal aspects of competition policy	none
EC4130	Economics dissertation	EC2010
EC4150	Applied economics	EC2010
SO4200	Sociology dissertation	none
SO4230	Economic sociology of Europe	none
SO4253	Conflict studies	none
SO4292	Migration	none
SO4293	Digital lives and social networks	none
BU4511	International business and the global economy	none
BU4522	Exploring organisational experiences	none
BU4530	Financial reporting and analysis	BU3530
BU4541	Financial markets and the corporate sector	EC2010 and one of EC3050, BU3530, BU3541
BU4550	Advances in marketing theory and practice	BU3510
BU4580	Managing new product development	BU2560
BU4620	Social entrepreneurship and social innovation: organisation and management	none
BU4630	Economic policy and business history	none
PO4600	Research seminar	PO3600
PO4670	Political parties	none
PO4690	Issues in contemporary politics	PO3600
PO4700	Contemporary international relations	PO2640
PO4710	African politics	none

<sup>34</sup> Some of these options may not be available in a particular year.

PO4730	Politics of inequality	none
PO4740	Topics in political science	none
PO4750	Chinese politics	none
SS4722	Poverty, inequality and redistribution	none

Each of the above modules has 15 credits.

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#### *Course requirements*

Economics (single): EC4010 and three of EC4020-EC4150, BU4530 or BU4541.<sup>35</sup> Students may not choose both BU4530 and BU4541 as options in the single honors course. Neither of these options is available to students who take EC4130 (Economics dissertation).

Economics (joint): two of EC4010-EC4150

Political science (single): PO4600 and PO4690, plus two of PO4670-PO4750

Political science (joint): two of PO4610-PO4750

Sociology (single): SO4200 and three of SO4230, SO4253, SO4292, SO4292, SS4722

Sociology (joint): two of SO4200, SO4230, SO4253, SO4291, SO4292, SS4722

Business studies (joint): two of BU4511-BU4630

#### *Regulations*

19 Students must take modules to the value of 60 credits and meet course requirements. Modules are weighted according to their credit values.

To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module sizes may reduce the level of compensation permitted in any year. There are no supplemental examinations in the Senior Sophister year.

The moderatorship examination is held on only one occasion annually – in Trinity term. Students unavoidably absent from these examinations may apply to the Senior Lecturer to present themselves for the equivalent examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with the relevant school/department(s) and the course office before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books.

At the moderatorship examination successful candidates are placed in three classes: first class honors, second class honors (with two divisions, first and second) and third class honors.

The moderatorship examination consists of a combination of formal examinations and continuous assessment.

All economics modules in the Senior Sophister year require project work which will count towards the final mark in each module.

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<sup>35</sup> Single honors economics students may, in consultation with the head of department, choose modules equating to 15 credits provided by the School of Mathematics. These students will remain subject to the compensation arrangements for the Moderatorship in Economic and Social Studies for all of their modules (including those provided by the School of Mathematics) as set out above. This possibility is not available to students who take EC4130 (Economics dissertation). Students who took EC3010 (Economic analysis) but not EC3090 (Econometrics) in their Junior Sophister year may be permitted, in consultation with the head of department, to take EC3090 (Econometrics) as a Senior Sophister option provided they meet the other course requirements for a single honors economics degree.

## Sophister students Bachelor in Business Studies

### 20 Junior Sophisters

#### *Modules<sup>36</sup>*

		PREREQUISITES
EC3040	Economics of lesser developed countries	none
EC3050	Investment analysis	EC2010 and EC2040
EC3060	Economics of policy issues	none
EC3071	Industrial economics: competition, strategy and policy	EC2010
BU3510	Marketing management	BU2520
BU3520	Management accounting for business decisions	none
BU3530	Financial accounting	BU2530
BU3570	Human resource management	BU1510
BU3590	Business in society	none
BU3600	Innovation, entrepreneurship and new venture development	none
BU3610	Personal and professional development	none
BU3620	Introduction to fixed income securities and alternative investments	none
BU3630	Surveying finance	none
BU3640	Services management	none
BU3650	Digital technology in operations	none
BU3660	Organisation theory and organisational analysis	none
BU3670	Advanced topics in organisational theory analysis	BU3660
ST3005	Information systems	
BC	Broad Curriculum	

Each of the above modules has 10 credits except for BU3610, BU3620, BU3630, BU3640, BU3650, BU3660, BU3670, ST3005 and the Broad Curriculum modules which have 5 credits.

#### *Course requirements*

21 Business studies (single): Students must take modules to the value of 60 credits. Students may take only one of the economics modules available and may take only one Broad Curriculum module.

#### *Regulations*

22 Students must take six modules (totalling 60 credits) as set out under the course requirements.

Junior Sophisters are assessed on their work during the year and on their results in an examination in Trinity term. Students should consult the module outlines on [my.tcd.ie](http://my.tcd.ie) for assessment details for these modules. Modules are weighted according to their credit values. Candidates who fail to satisfy the examiners may be permitted to present themselves at a supplemental examination before the beginning of Michaelmas teaching term.

To progress to the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 50 per cent (grade of second class (second division) or better) at the Junior Sophister examination. Students who pass but who do not achieve the required mark may complete supplemental assessments in order to reach the required grade.

Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year.

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<sup>36</sup> Some of these options may not be available in a particular year.

Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### 23 Senior Sophisters

#### *Modules<sup>37</sup>*

		PREREQUISITES
EC4020	The world economy	EC2010
EC4050	Economics of financial markets	EC3010 or EC3050; and EC2040
EC4100	International economics	EC2010
EC4120	Economic and legal aspects of competition policy	none
SO4230	Economic sociology of Europe	none
BU4501	Strategic management: theory and practice	none
BU4511	International business and the global economy	none
BU4522	Exploring organisational experiences	none
BU4530	Financial reporting and analysis	BU3530
BU4541	Financial markets and the corporate sector	EC2010 and one of BU3530 or EC3050 or BU3540
BU4550	Advances in marketing theory and practice	BU3510
BU4580	Managing new product development	BU2560
BU4590	Business dissertation	
BU4620	Social entrepreneurship and social innovation: organisation and management	none
BU4630	Economic policy and business history	none
ST4501	Strategic information systems	ST3005/3006

Each of the above modules has 15 credits.

#### *Course requirements*

24 Business studies (single): Students must take four modules (totalling 60 credits): BU4501, two of BU4511-BU4630 and one further module from the entire list of Senior Sophister modules above or, in the case of students who wish to complete a dissertation: BU4501, BU4590 and two of BU4511-BU4630.

#### *Regulations*

25 Modules are weighted according to their credit values. To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module sizes may reduce the level of compensation permitted in any year. There are no supplemental examinations in the Senior Sophister year.

The examination for the Bachelor in Business Studies is held on only one occasion annually – in Trinity term. Students unavoidably absent from these examinations may apply to the Senior Lecturer to present themselves for the equivalent examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with the relevant school/department(s) and the course office

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<sup>37</sup> Some of these options may not be available in a particular year.

before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books.

At the examination for the Bachelor in Business Studies successful candidates are placed in three classes: first class honors, second class honors (with two divisions, first and second) and third class honors.

The examination for the Bachelor in Business Studies consists of four 3-hour papers, unless otherwise specified in the course handbook.

## MODERATORSHIP IN SOCIOLOGY AND SOCIAL POLICY

### *Introduction*

26 The degree in sociology and social policy combines the study of social policy, social theory and social research. It is particularly relevant for those wishing to pursue a career in management, planning and evaluation within the social services field as well as those with a general interest in society and social policy.

Students are required to complete the compulsory modules for their course and to take the required number of elective modules from those offered in the relevant year. In any year, the range of elective modules offered may be limited by staff availability and certain combinations of elective modules may not be available because of timetabling constraints.

### *Examinations*

27 To rise with their class, students must (a) pass the Junior Freshman examination, (b) pass the Senior Freshman examination, and (c) be placed in the Junior Sophister examination in either the first or second class. The moderatorship examinations are held at the end of the Senior Sophister year.

Successful candidates at the Junior Freshman, Senior Freshman and Junior Sophister examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors. (For the degree examinations, see below.) Students who do not appear on their student portal, my.tcd.ie, should contact their tutor to discuss their position as soon as possible after the results are known.

The ECTS value of each year of each course is 60 credits.

To pass each of the Freshman years and the Junior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable and/or the size of modules may reduce the level of compensation permitted in any year. Students in the Freshman and the Junior Sophister years who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

Supplemental examinations are provided in the Junior Freshman, Senior Freshman and Junior Sophister years. Permission to take supplemental examinations will normally be granted only to students whom the court of examiners considers to have made a serious attempt at the annual examinations.

Candidates who are unsuccessful at the supplemental examinations may, at the discretion of the court of examiners, be permitted to repeat the year. Permission will normally be granted only where candidates have made a serious attempt at both the annual and the supplemental examinations.

Candidates who are considered not to have made a serious attempt at their examinations, whether annual or supplemental, are normally excluded from the course.



## 28 Junior Freshmen

### *Modules*

Students must take modules totalling 60 credits and meet course requirements as follows:

Students must take the following mandatory modules (30 credits):

- PO1603 Politics and Irish society (10 credits)
- SO1311 Introduction to sociology (10 credits)
- SS1765 Social policy concepts/The Irish welfare state (10 credits)

Students must take either EC1010 or EC1040 (10 credits):

- EC1010 Introduction to economics (10 credits)
- EC1040 Introduction to economic policy (10 credits)

Students must take two of the following modules, only one of which can be a language module (20 credits):

- EC1030 Mathematics and statistics (10 credits)
- FR1040 Language – French (10 credits)
- GR1004 Language – German (10 credits)
- PLF100 Language – Polish (10 credits)
- RUF603 Introduction to Central, East European and Russian area studies (10 credits)
- RUF100 Language – Russian (10 credits)
- LA1240 Introduction to law (10 credits)
- SS1730 Introduction to psychology (10 credits)

### *Regulations*

29 Students are assessed on their work during the year and on their results in the examination which takes place in Trinity term. Modules are weighted according to their credit values.

Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

## 30 Senior Freshmen

### *Modules*

Students must take modules totalling 60 credits and meet course requirements as follows:

Students must take the following mandatory modules (20 credits):

- SS2767 Irish social policy 1 (10 credits)<sup>38</sup>
- SS2785 Irish social policy 2 (10 credits)<sup>39</sup>

Students must take two of the following modules (20 credits):

- SO2310 Introduction to social research (10 credits)
- SO2330 European societies (10 credits)
- SO2343 Gender, work and family (10 credits)
- SO2350 Power, state and social movements (10 credits)

Students must take two of the following modules (20 credits) not already chosen (20 credits):

- EC2020 The economy of Ireland (10 Credits)
- EC2030 The economics of public policy (10 Credits)
- FR2040 Language – French (10 credits)
- GR2004 Language – German (10 credits)
- PLF200 Language – Polish (10 credits)
- RUF200 Language – Russian (10 credits)

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<sup>38</sup> Comprises health policy and housing policy.

<sup>39</sup> Comprises social security policy and crime and Irish society.

- PO2610 History of political thought (10 credits)
- PO2640 International relations (10 credits)
- PO2650 Comparative politics (10 credits)
- SO2310 Introduction to social research (10 credits)
- SO2330 European societies (10 credits)
- SO2343 Gender, work and family (10 credits)
- SO2350 Power, state and social movements (10 credits)
- SS2139 Introduction to Irish family law (5 credits)
- BC Broad Curriculum (5 credits)

Students may take the language module only if they have satisfactorily completed the equivalent module at Junior Freshman level.

Students wishing to take LA3435 (Public interest law) in the Junior Sophister year must take module LA1240 in the Junior Freshman year.

### *Regulations*

31 Students are assessed on their work during the year and on their results in the examination which takes place in Trinity term. Modules are weighted according to their credit values.

Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

## 32 Junior Sophisters

### *Modules<sup>40</sup>*

Students must take modules totalling 60 credits and meet course requirements as follows:

Students must take two of the following modules (20 credits):

- SO3200 Social theory (10 credits)
- SO3230 Globalisation and development (10 credits)
- SO3240 Researching society (10 credits)
- SO3250 Race, ethnicity and identity (10 credits)
- SO3260 Social inequality (10 credits)

Students must take two of the following modules (20 credits):

- SS3380 Comparative welfare states (10 credits)
- SS3390 Crime and social policy (10 credits)
- SS3401 Families, youth and society: contemporary issues (10 credits)

Students must take two of the following modules (20 credits) not already chosen (20 credits):

- EC3040 Economics of less developed countries (10 credits)
- EC3060 Economics of policy issues (10 credits)
- LA3435 Public interest law (10 credits) (prerequisite LA1240)
- LA3439 Public international law (10 credits) (prerequisite LA1240)
- PO3630 Irish politics (10 credits)
- PO3670 Democracy and development (10 credits)
- SO3200 Social theory (10 credits)
- SO3230 Globalisation and development (10 credits)
- SO3240 Researching society (10 credits)
- SO3250 Race, ethnicity and identity (10 credits)
- SO3260 Social inequality (10 credits)
- SS3380 Comparative welfare states (10 credits)
- SS3390 Crime and social policy (10 credits)
- SS3401 Families, youth and society: contemporary issues (10 credits)

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<sup>40</sup> Some of these options may not be available in a particular year.

### *Regulations*

33 Students are assessed on their work during the year and on their results in the examinations in Trinity term. Modules are weighted according to their credit values. Candidates who fail to satisfy the examiners may be permitted to present themselves at a supplemental examination before the beginning of Michaelmas teaching term.

To progress to the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 50 per cent (grade of second class (second division) or better) at the Junior Sophister examination. Students who pass but who do not achieve the required mark may complete supplemental assessments in order to reach the required grade.

Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

Students are required to submit a dissertation at the end of the Senior Sophister year. Both the topic and approach of the dissertation should reflect the interdisciplinary nature of the degree. The dissertation work is begun in the Junior Sophister year. Candidates submitting a dissertation should meet with their supervisor on at least three occasions (i) before submission of the dissertation proposal, (ii) before commencement of actual fieldwork research, and (iii) before writing up of final dissertation. All students undertaking a dissertation are required to sign a statement of confidentiality.

### **34 Senior Sophisters**

#### *Modules<sup>41</sup>*

Students must take modules totalling 60 credits and meet course requirements as follows:

Students must take the following mandatory module (15 credits):

SO4200 Sociology/Social policy dissertation (15 credits)

Students must take three of the following modules (45 credits):

SO4230 Economic sociology of Europe (15 credits)

SO4253 Conflict studies (15 credits)

SO4292 Migration (15 credits)

SO4293 Digital lives and social networks (15 credits)

SS4722 Poverty, inequality and redistribution (15 credits)

SS4830 Ageing societies (15 credits)

#### *Regulations*

35 Modules are weighted according to their credit values. To pass the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module sizes may reduce the level of compensation permitted in any year. There are no supplemental examinations in the Senior Sophister year.

The moderatorship examination is held on only one occasion annually – in Trinity term. Students unavoidably absent from these examinations may apply to the Senior Lecturer to present themselves for the equivalent examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with the relevant school/department(s) and the course office before the end

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<sup>41</sup> Some of these options may not be available in a particular year.

of Michaelmas term to confirm their examination and/or assessment requirements while off-books.

At the moderatorship examination successful candidates are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

### MODERATORSHIP IN POLITICAL SCIENCE AND GEOGRAPHY

36 Students may follow this course in one of three ways. They may take both subjects on an equal basis throughout the four years of the course; they may take both subjects on an equal basis for three years and concentrate exclusively on political science in the fourth year; or they may take both subjects on an equal basis for three years and concentrate exclusively on geography in the fourth year.

Module options may change and in any particular year may be limited by the availability of staff and timetable constraints.

The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister 60 credits; Senior Sophister 60 credits.

#### *Modules and examinations*

#### **Junior Freshmen**

##### POLITICAL SCIENCE

- (a) PO1600 Introduction to political science (10 credits)
- (b) SO1310 Introduction to sociology (10 credits)
- (c) EC1040 Introduction to economic policy (10 credits)

##### GEOGRAPHY

- (d) GG1021 Introduction to geography I: physical (10 credits)
- (e) GG1022 Introduction to geography II: environmental (10 credits)
- (f) GG1023 Introduction to geography III: human (10 credits)

#### *Examinations and assessment*

##### POLITICAL SCIENCE

Students will sit three 3-hour papers, one on each module.

Students are advised to consult the handbook for further examination and assessment information.

##### GEOGRAPHY

Assessment is through a combination of course work and examination held in Trinity term. Details of examinations and assessments are available from the Geography website and course handbook. Methods and the breakdown of assessments vary from module to module. Assessment methods include essays, group and individual work, on-line assessments, oral presentations and written examinations.

Modules are weighted according to their credit values. To pass the Junior Freshman year, students must achieve an overall pass mark of at least 40 per cent (grade III) in both subjects and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, pass all modules outright in one subject and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). Module PO1600 is non-compensatable, and students must pass this module in order to pass the Junior Freshman year. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

## Senior Freshmen

### POLITICAL SCIENCE

- (a) PO2610 History of political thought (10 credits)
- (b) PO2640 International relations (10 credits)
- (c) PO2650 Comparative politics (10 credits)

### GEOGRAPHY

- (d) GG2024 Physical geography – changing environments (10 credits)
- (e) GG2025 Human geography – changing worlds (10 credits)
- (f) GG2023 Geography student seminars (10 credits)

### *Examinations and assessment*

### POLITICAL SCIENCE

Students will sit three 3-hour papers, one in each module. They will be graded in each module on the basis of the examination and written work submitted during the year.

Note: Students may replace one Senior Freshman module (10 credits) in political science with two modules (5 credits each) from the Broad Curriculum and language options. Students should note that Senior Freshman political science modules are prerequisites for Senior Sophister modules. PO2610 is a prerequisite for PO4610; PO2640 is a prerequisite for PO4700; and PO2650 is a prerequisite for PO4620.

### GEOGRAPHY

Students are assessed by course work and examinations.

Modules are weighted according to their credit values. To pass the Senior Freshman year, students must achieve an overall pass mark of at least 40 per cent (grade III) in both subjects and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

## Junior Sophisters

Students must take modules to the value of 60 credits, 30 from each subject.

### POLITICAL SCIENCE

Students must take three of the following:

- (a) PO3600 Research methods for political scientists (10 credits)
- (b) PO3630 Irish politics (10 credits)
- (c) PO3650 Government and politics of the United States (10 credits)
- (d) PO3670 Democracy and development (10 credits)
- (e) PO3680 European Union politics (10 credits)

Note: Students intending to concentrate exclusively on political science in their Senior Sophister year must take and pass the module PO3600 (Research methods for political scientists) in their Junior Sophister year. PO3600 is also a prerequisite for PO4690 (Issues in contemporary politics).

## GEOGRAPHY

For students opting to study geography only during the Senior Sophister year, the following modules are required.

- (a) GG3028 Advanced research methods in geography 1 (5 credits)
- (b) GG3025 Advanced research methods in geography 2 (5 credits)

Students may also choose optional modules in areas such as urban geography, globalisation, hydrology, coastal geomorphology, and quaternary geomorphology.

### *Examinations and assessments*

#### **Students who intend to take both geography and political science in the Senior Sophister year**

Students taking both subjects equally throughout the four years will be examined in political science by means of three 3-hour papers on the modules studied. Their grade for each module will be based on the examination and course work submitted during the year. In geography students will be assessed through a combination of examinations, essays and practical work.

All modules are weighted according to their credit values.

To pass the Junior Sophister year, students who intend to study both subjects equally in the final year must achieve an overall pass mark of at least 40 per cent (grade III) in both subjects and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject, and either (a) pass outright modules totalling at least 25 credits in each subject and achieve a mark of at least 30 per cent in any failed module(s), or (b) pass all modules outright in one subject, and modules totalling at least 20 credits in the other subject, and achieve a mark of at least 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III).

Students intending to take both subjects equally in the Senior Sophister year must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject in order to proceed to the final year. For such students the Junior Sophister year does not contribute to the final degree result.

#### **Students who intend to take one subject in the Senior Sophister year**

All modules are weighted according to their credit values.

To pass the Junior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. There are no supplemental examinations.

Students, intending to major in one subject in the Senior Sophister year (moderatorship examination, part II), must pass each subject and achieve an overall credit-weighted average mark of at least 45 per cent for the year in order to proceed to the final year. For such students, their Junior Sophister year constitutes part I of the moderatorship and the Senior Sophister year part II. Each year contributes 50 per cent to the overall moderatorship mark.

Students intending to concentrate exclusively on political science in their Senior Sophister year must take and pass the module 'Research methods for political scientists' in their Junior Sophister year plus two other modules.

Students taking only geography in their Senior Sophister year must undertake a dissertation which is assessed as part of the final examination and is an important feature of the degree. A satisfactory research proposal must be devised during the Junior Sophister year and the completed dissertation is submitted towards the end of the first semester of the Senior Sophister year. There is no supplemental examination in either component.

Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

## Senior Sophisters

### For students taking both geography and political science

Students taking both subjects equally must take modules and assessments to the value of 60 credits, 30 from each subject. Some political science modules have prerequisite requirements. PO3600 is a prerequisite for PO4690; PO2610 is a prerequisite for PO4610; PO2640 is a prerequisite for PO4700; and PO2650 is a prerequisite for PO4620.

#### POLITICAL SCIENCE

Students must take two of the following:

- (a) PO4610 Contemporary political theories (15 credits)
- (b) PO4620 Comparative political institutions (15 credits)
- (c) PO4670 Political parties (15 credits)
- (d) PO4690 Issues in contemporary politics (15 credits)
- (e) PO4700 Contemporary international relations (15 credits)
- (f) PO4710 African politics (15 credits)
- (g) PO4730 The politics of inequality (15 credits)
- (h) PO4740 Topics in political science (15 credits)

#### GEOGRAPHY

In the Senior Sophister year, students may choose a combination of modules totalling 30 credits. Some modules have prerequisites. For example GG3030 is a prerequisite for GG4026 and GG3034 is a prerequisite for GG4040.

#### *Examinations and assessments*

Students taking both subjects equally throughout the four years will be examined in political science by means of a 3-hour paper for all modules except 'Issues in contemporary politics'. In 'Issues in contemporary politics', students will be assessed by course work only. For all other modules, the grade for each will be based on the examination and course work submitted during the year. Geography will be assessed by course work and examinations.

The moderatorship result for students taking geography and political science equally is based entirely on the Senior Sophister year.

Modules are weighted according to their credit values.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) in each subject and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 20 credits in each subject and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. There are no supplemental examinations in the Senior Sophister year.

### **For students taking geography only**

In the Senior Sophister year, students taking geography only must undertake a research dissertation (20 credits) which is assessed as part of the final examination and is an important feature of the degree. In addition they take modules totalling 40 credits in the following areas: environmental change, environmental governance, historical geography, globalisation and African development, property development, climate change, and geomorphic processes amongst others.

Students studying geography only in their final year may substitute a minimum of 5 credits up to a maximum of 20 credits for elective modules outside of this core course (including Broad Curriculum modules) if they have not already done so during the Junior Sophister year.

#### *Examinations and assessments*

A satisfactory research proposal must be devised during the Junior Sophister year and the completed dissertation is submitted towards the end of the first semester of the Senior Sophister year.

For students majoring in one subject in the Senior Sophister year, the Junior Sophister examinations in both subjects constitute part I of the moderatorship examination and the Senior Sophister examinations in the major subject constitute moderatorship part II. Moderatorship part I and II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or by aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. To pass by aggregation, if they have a mark of less than 30 per cent in one or more failed modules, up to a maximum of 10 credits, students must pass outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year. There are no supplemental examinations in the Senior Sophister year.

### **For students taking political science only**

Students taking only political science must take:

- (a) PO4600 Research seminar in political science (15 credits)
- (b) PO4690 Issues in contemporary politics (15 credits)

Two of the following:

- (c) PO4610 Contemporary political theories (15 credits)
- (d) PO4620 Comparative political institutions (15 credits)
- (e) PO4670 Political parties (15 credits)
- (f) PO4700 Contemporary international relations (15 credits)
- (g) PO4710 African politics (15 credits)
- (h) PO4730 The politics of inequality (15 credits)
- (i) PO4740 Topics in political science (15 credits)

#### *Examinations and assessments*

The moderatorship examination consists of a combination of assessed work and formal examinations in the modules taken. Students must take PO3600 to qualify to study political science only in Senior Sophister year. In addition, PO2610 is a prerequisite for PO4610; PO2640 is a prerequisite for PO4700; and PO2650 is a prerequisite for PO4620.

Students taking political science only will be examined in political science by means of a 3-hour paper on all modules studied except 'Issues in contemporary politics' and 'Research seminar'. In 'Issues in contemporary politics', students will be assessed by course work only. In 'Research



seminar', students will be assessed on the basis of a dissertation. For all other modules, the grade for each will be based on the examination and course work submitted during the year.

For students majoring in one subject in the Senior Sophister year, the Junior Sophister examinations in both subjects constitute part I of the moderatorship examination and the Senior Sophister examinations in the major subject constitute the moderatorship part II. Moderatorship part I and II each contribute 50 per cent to the overall moderatorship mark.

To pass the Senior Sophister year (moderatorship examination, part II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. The designation of certain modules, or module components, as non-compensatable and/or module sizes may reduce the level of compensation permitted in any year.

There are no supplemental examinations in the Senior Sophister year.

### *XIII SCHOOL OF SOCIAL WORK AND SOCIAL POLICY*

1 The School of Social Work and Social Policy offers the degree of Bachelor in Social Studies as described below. The school also offers the Moderatorship in Sociology and Social Policy in conjunction with the School of Social Sciences and Philosophy.

#### **MODERATORSHIP IN SOCIOLOGY AND SOCIAL POLICY**

Please refer to the full entry in the School of Social Sciences and Philosophy.

#### **DEGREE OF BACHELOR IN SOCIAL STUDIES**

2 The B.S.S. degree is intended for those wishing to pursue a career in social work. Applicants for admission must satisfy a selection procedure which may include an interview. Professional training is integrated with, and indivisible from, academic study. Students must therefore perform satisfactorily in both academic modules and professional practice to rise with their year. Those who graduate with honors will be eligible to apply to register as a professionally qualified social worker with the Health and Social Care Professionals Council (CORU).

Successful applicants who have had no prior relevant voluntary or paid social service experience may be required to undertake voluntary social work during the Junior Freshman year.

As the B.S.S. is a professional degree, students are expected to adhere to normal professional ethics and standards of conduct. Students in each year group are given written notification of expectations in relation to professional ethics and conduct, including regular attendance at required academic modules and practice placements, and are required to observe these regulations throughout the degree course.

The ECTS value of each year of the course is as follows: Junior Freshman 70 credits; Senior Freshman 80 credits; Junior Sophister 75 credits; Senior Sophister 75 credits.

#### **3 Junior Freshmen**

##### *Modules*

Students must take modules totalling 70 credits and meet course requirements as follows:

Students must take the following mandatory modules (70 credits):

EC1040	Introduction to economic policy (10 credits)
PO1603	Politics and Irish society (10 credits)
SO1311	Introduction to sociology (10 credits)
SS1720	Introduction to social work (10 credits)
SS1730	Introduction to psychology (10 credits)
SS1765	Social policy concepts/The Irish welfare state (10 credits)
SS1777	Junior Freshman placement (10 credits)

Students may take a module in French (FR1040: Language – French (10 credits)) or German (GR1004: Language – German (10 credits)) in addition to the above mandatory modules.

#### *Regulations*

4 Students are assessed on their work during the year and on their results in the examination in Trinity term. Modules are weighted according to their credit values. Students will be permitted to take the supplemental examination only if the court of examiners is satisfied that they have made a serious attempt at the annual examination.

Students must satisfactorily complete SS1777, the thirty day block Junior Freshman practice placement, before proceeding to the Senior Freshman year.

The overall year mark will be calculated only on the results of the above list of mandatory modules and not the language electives.

### **5 Senior Freshmen**

#### *Modules<sup>42</sup>*

Students must take modules totalling 80 credits and meet course requirements as follows:

Students must take the following mandatory modules (60 credits):

SS2040	Law for social workers (10 credits)
SO2310	Introduction to social research (10 credits)
SS2720	Social work theory and practice (10 credits)
SS2777	Senior Freshman placement (15 credits)
SS2780	Crime and Irish society (5 credits)
SS2786	Psychology for social workers I (5 credits)
SS2787	Psychology for social workers II (5 credits)

Students must take two of the following modules (10 credits):

SS2760	Health policy (5 credits)
SS2770	Housing policy (5 credits)
SS2781	Children and society (5 credits)
BC	Broad Curriculum (5 credits) <sup>43</sup>

Students must take one of the following modules (10 credits):<sup>44</sup>

EC2020	The economy of Ireland (10 credits)
FR2040	Language – French (10 credits) <sup>45</sup> or
GR2004	Language – German (10 credits) <sup>45</sup>
PO2610	History of political thought (10 credits) <sup>46</sup>
PO2640	International relations (10 credits) <sup>46</sup>
PO2650	Comparative politics (10 credits)
SO2343	Gender, work and family (10 credits)

#### *Regulations*

6 Senior Freshmen are assessed on their required course work during the year. Modules are weighted according to their credit values. Students who fail to complete course work satisfactorily will be permitted to take a supplemental examination in the relevant modules provided the court of examiners is satisfied that they have made a serious attempt at the course work. To proceed to

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<sup>42</sup> Some of these options may not be available in a particular year

<sup>43</sup> Students may only take one 5 credit Broad Curriculum module.

<sup>44</sup> Subject to availability.

<sup>45</sup> Students may take the language module only if they have satisfactorily completed the equivalent module at Junior Freshman level.

<sup>46</sup> Students may take PO2610 or PO2640 if they have satisfactorily completed PO1601 (Introduction to political science).

the Junior Sophister year, students must also pass SS2777, the fifty day block Senior Freshman practice placement, and related course work assignment.

## 7 Junior Sophisters

### *Modules<sup>47</sup>*

Students must take modules totalling 75 credits and meet course requirements as follows:

Students must take the following mandatory modules (60 credits):

SS3351	Families, youth and society: contemporary issues (5 credits)
SS3361	Welfare state change, retrenchment and restructuring (5 credits)
SS3700	Family and child care studies (10 credits)
SS3730	Social work practice (15 credits)
SS3760	Mental health and disability (10 credits)
SS3777	Junior Sophister placement (15 credits)

Students must take two of the following modules (10 credits):

SO320C	Social theory (5 credits)
SO323C	Globalisation and development (5 credits)
SO324C	Researching society (5 credits)
SO325C	Race, ethnicity and identity (5 credits)
SO326C	Social inequality (5 credits)

Students must take one of the following modules not already taken (5 credits):

SS3331	The rise of anti-social behaviour (5 credits)
SS3382	Understanding ageing societies (5 credits)
SO320C	Social theory (5 credits)
SO323C	Globalisation and development (5 credits)
SO324C	Researching society (5 credits)
SO325C	Race, ethnicity and identity (5 credits)
SO326C	Social inequality (5 credits)

### *Regulations*

8 The Junior Sophister examination is held in Trinity term. Modules are weighted according to their credit values. Candidates who fail to satisfy the examiners may be permitted to present themselves at a supplemental examination before the beginning of Michaelmas teaching term. They may be required to take one or all modules at the supplemental examination. To progress to the Senior Sophister year, students must achieve an overall credit-weighted average mark of at least 50 per cent (grade of second class (second division) or higher) at the Junior Sophister examination. Students who pass but who do not achieve the required mark may complete supplemental assessments in order to reach the required grade. Permission to proceed to the Senior Sophister year will be granted to students on the basis of their performance (including professional practice) during the preceding three years and at the Junior Sophister examination. Satisfactory performance in SS3777, the Junior Sophister practice placement, requires a pass in placement-related practice and in placement-related written assignments.

## 9 Senior Sophisters

### *Modules*

Students must take modules totalling 75 credits and meet course requirements as follows:

Students must take the following mandatory modules (75 credits):

SS4700	Perspectives on social work (5 credits)
SS4710	Social work and social systems (5 credits)

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<sup>47</sup> Some of these options may not be available in a particular year

SS4720	Social work and child care† (10 credits)
SS4730	Social work and equality issues (5 credits)
SS4740	Social work, mental health and addictions (5 credits)
SS4750	Group work† (5 credits)
SS4760	Social work practice† (10 credits)
SS4799	Senior Sophister placement† (20 credits)
SS4990	Social policy analysis† (5 credits)
SS4999	B.S.S. general paper or International social work project† (5 credits)

†Modules denoted by a '†' are examined by continuous assessment.

### *Regulations*

10 The B.S.S. degree examination is held in Trinity term and consists of five 3-hour papers: SS4700 (Perspectives on social work); SS4710 (Social work and social systems); SS4730 (Social work and equality issues); SS4740 (Social work, mental health and addictions); and SS4999 (B.S.S. general paper). Candidates may be permitted to substitute SS4999 (International social work project) for the B.S.S. general paper. A *viva voce* examination in social work may be conducted by the external examiner. Modules are weighted according to their credit values. An honors degree will be awarded only to candidates who have satisfactorily completed the course requirements, including the required professional practice and related course work assignments.

### *Professional practice*

11 Each student must satisfactorily complete a minimum of two hundred and twenty days on supervised placements. These placements will be arranged in consultation with the Director of the B.S.S. programme and the school fieldwork co-ordinators. Students who fail a placement in any year, provided they have made a serious attempt (F<sub>1</sub>), and are fit to continue, may be permitted to repeat the placement and the related practice project. Only one attempt at a repeat placement is normally permitted. Repeat placements normally take place during a year off-books and must be passed before students rise to the subsequent year. Senior Sophister placements may be repeated after the summer examinations. These requirements regarding professional practice form part of the Bachelor in Social Studies with honors. Students who do not reach the required standard in social work practice will not be eligible for the award of the B.S.S. degree with honors.

### *Degrees*

12 Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred, if they do not choose, or are not allowed, to proceed to the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University. If, however, they wish to graduate with honors, and are permitted to do so, they may enter the Senior Sophister year and proceed to the degree of Bachelor in Social Studies with honors or to moderatorship. Successful candidates at the degree examinations are placed in three classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

## DIPLOMA IN ADDICTION STUDIES

*There is no intake to this course in 2015-16.*

13 The Diploma in Addiction Studies is a level 7 special purpose award, characteristically taken by people already in service, that is, those already working in the alcohol and drugs field with individuals, families or communities experiencing problems as a result of the use of alcohol or illicit drugs; those wishing to work in the field; and those who work in a range of areas where they may come into contact with problem alcohol or drug users and who wish to augment their knowledge and return to their workplaces with new learning and experience. The diploma leads to enhanced professional competencies and specialised knowledge across a variety of areas.

## XIV MODERATORSHIP IN COMPUTER SCIENCE AND LANGUAGE<sup>48</sup>

### *Admission*

1 Qualifications for entry will be identical to those for the existing language and computer science courses (see also ADMISSION REQUIREMENTS) except in the case of Irish for which grade B3 in Irish at Leaving Certificate (higher level) or grade B at General Certificate of Education ('A' level) is required.

### *Course*

2 The course is of four years' duration and consists of core elements and options in computer science, linguistics and a language. It provides basic training in the study of a language, techniques of linguistic description and analysis, the mathematical aspects of computer science and computer software. In the later years of the course special emphasis is placed on the integration of these areas of study. In the final year students undertake a substantial project.

3 Students study one of the following languages: French, German, Irish. A year's study abroad is an integral part of the course and students will normally spend their Junior Sophister year abroad as part of an ERASMUS funded inter-university exchange.<sup>49</sup>

### *Examinations*

4 Students are assessed by examinations, course work and projects, as set out below.

5 The annual examinations are held in Trinity term each year. There are supplemental examinations in Michaelmas term each year, except for the Senior Sophister year. Students who fail to submit satisfactory course work in any year may be refused permission to take all or part of the annual examination for that year.

6 In the Junior Freshman year students must achieve an overall credit-weighted average mark of at least 40 per cent and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). Certain modules may be designated as non-compensatable.

In the Senior Freshman, Junior Sophister<sup>50</sup> and Senior Sophister years students must achieve an overall credit-weighted average mark of at least 40 per cent and accumulate 65 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 60 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 55 credits and achieve a minimum mark of 35 per cent in any failed module(s). Certain modules may be designated as non-compensatable.

With the exception of the Senior Sophister year, students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

7 A distinction in spoken language may be awarded in the moderatorship, at the discretion of the examiners, to candidates in modern languages. In the Department of Irish and Celtic Languages distinctions in the spoken language may be awarded in all years.

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<sup>48</sup>Prior to 2012-13 this course was called the Moderatorship in Computer Science, Linguistics and a Language. Students in the Senior Freshman or Sophister years of the course during 2012-13 and until completion are not affected by the name change.

<sup>49</sup>Applicants should bear in mind that although no fees are payable to the exchange university, financing the year abroad may be more expensive than in the case of a normal year's study.

<sup>50</sup>Students on exchanges are subject to the course regulations of their host university. The provisions stated here apply to Junior Sophister students undertaking the year in Trinity College Dublin.

8 Details on the examination methods for language fluency are available from the course handbook.

9 Students who satisfactorily complete the Junior Sophister requirements and who choose not to proceed or fail to complete satisfactorily the Senior Sophister year of the course may elect to be conferred with the ordinary degree of B.A. Except by special permission of the University Council, on the recommendation of the two faculties, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

10 Successful candidates at the final degree examination are placed in order of merit in the following classes: first class honors, second class honors (with two divisions, first and second) and third class honors. This result is based entirely on a credit-weighted average of marks attained on Senior Sophister modules.

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### *Modules*

#### **Junior Freshmen**

##### COMPUTER SCIENCE

- Mathematics (CS1000) (10 credits)
- Introduction to programming (CS1010) (10 credits)
- Representations and computation (CS1LL2) (5 credits)

##### COMPUTATIONAL LINGUISTICS

- Research seminar series (5 credits)

##### LINGUISTICS

- Language, the individual and society (LI1008) (5 credits)
- Introduction to phonetics and phonology (LI1230) (5 credits)
- Introduction to syntax (LI1031) (5 credits)

##### LANGUAGE

- Language fluency, taking the form for each language of two modules, worth 10 and 5 credits (15 credits)

#### **Senior Freshmen**

##### COMPUTER SCIENCE

- Discrete mathematics (MA2C03) (10 credits)
- Algorithms and data structures (CS2010) (10 credits)
- Intermediate programming and natural language processing (CS2LL3) (10 credits)

##### COMPUTATIONAL LINGUISTICS

- Research seminar series (5 credits)

##### LINGUISTICS

- Syntax and semantics (LI2034) (5 credits)
- Speech science and phonetics (LI2035) (5 credits)
- Computational morphology and statistics (LI2036) (5 credits)

##### LANGUAGE

- Language fluency, taking the form for each language of two modules, worth 10 and 5 credits (15 credits)

#### **Junior Sophisters**

Normally, Junior Sophister students spend the year abroad at a partner institution under the auspices of ERASMUS. Should a student be undertaking the year in Trinity College the following syllabus will apply:

##### COMPUTER SCIENCE

- Applied probability I (ST2004) (5 credits)

Symbolic programming (CS3011) (5 credits)  
Software engineering (CS3012) (5 credits)  
Software engineering group project (CS3013) (5 credits) or Introduction to the semantics of programming languages (CS3017) (5 credits) or Computational mathematics (CS3081) (5 credits)  
Artificial intelligence I (CS3061) (5 credits)  
Compiler design I (CS3071) (5 credits)

#### COMPUTATIONAL LINGUISTICS

Research seminar series (5 credits)

#### LINGUISTICS

Aspects of written language (LI2307) (5 credits)  
Language learning (LI2303) (5 credits)  
Aspects of vocabulary (LI2301) (5 credits)

#### LANGUAGE

Language fluency, taking the form for each language of two modules, worth 10 and 5 credits (15 credits)

### Senior Sophisters

#### COMPUTER SCIENCE

Information systems (CS4LL1) (5 credits)  
Artificial intelligence IIa: knowledge representation and reasoning (CS4061) (5 credits)  
Artificial intelligence IIb: machine learning for NLP (CS4062) (5 credits)

#### COMPUTATIONAL LINGUISTICS

Research seminar series (5 credits)

#### LINGUISTICS

Speech analysis and synthesis (LI4031) (5 credits)  
Computational linguistics (LI4032) (5 credits)

#### LANGUAGE

Language fluency, taking the form for each language of two modules, worth 10 and 5 credits (15 credits)

#### OPTIONS (10 credits)

One or two options from relevant Sophister modules provided by computer science, linguistics or the language departments, amounting to 10 credits in total.

#### PROJECT (10 credits)

Students select a project from relevant offerings from computer science, linguistics and the language departments and produce a substantial dissertation.

### *XV MODERATORSHIP IN IRISH STUDIES<sup>51</sup>*

1 This course offers an interdisciplinary approach to the study of Irish civilisation. It will introduce students to a broad range of disciplines including English, history and Irish, as well as genetics, geography, history of art, linguistics and politics. Teaching is through a combination of lectures, seminars and tutorials and (strand B only) language laboratories.

2 The Junior Freshman year consists of two separate strands. Students must choose one of the strands (A or B). All subjects in strand A are taught through the medium of English. Strand B includes Irish language modules and the study of literature through Irish. Students in both strands also take the interdisciplinary module 'Imagining Ireland I', drawn from English, history and Irish as well as related academic disciplines. In the Junior Freshman year all modules in both strands are compulsory.

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<sup>51</sup>The 2015/16 Junior Freshman cohort is the last intake to this course.

3 The Senior Freshman year consists of two separate strands, as above. All subjects in strand A are taught through the medium of English. Strand B includes Irish language modules and the study of literature through Irish. Students in both strands will also take the interdisciplinary module 'Imagining Ireland II', drawn from English, history and Irish as well as related academic disciplines. In the Senior Freshman year, all modules in strand A are compulsory, while strand B students will take one Broad Curriculum module of their choosing alongside their compulsory modules.

4 The Junior Sophister year consists of two separate strands, as above. All subjects in strand A are taught through the medium of English. Strand B includes Irish language modules and the study of literature through Irish. Students in both strands also take the interdisciplinary module 'Imagining Ireland III', drawn from English, history and Irish as well as related academic disciplines. In the Junior Sophister year, strand A students will take one Broad Curriculum module of their choosing alongside their compulsory modules, while all modules in strand B are compulsory.

5 In the Senior Sophister year students choose a number of modules from an approved list in addition to the interdisciplinary module 'Imagining Ireland IV'. They will also be required to submit a dissertation prepared and presented in conformity with the requirements set out in the course handbook.

6 The ECTS value of each of the four years of the course is 60 credits. To pass each of the Freshman years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in the Freshman years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.<sup>8</sup> To pass the Sophister years of the course (moderatorship examination, parts I and II), students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits in each year by (a) passing all modules outright or (b) passing by compensation or aggregation. To pass by compensation students must pass outright modules totalling at least 40 credits and achieve a minimum mark of 30 per cent in each failed module, up to a maximum of 20 credits. Further, students may pass by aggregation if they have a mark of less than 30 per cent in one or more failed modules up to a maximum of 10 credits, provided that they have passed outright modules totalling at least 40 credits and have a minimum mark of 30 per cent in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in any year. There are no supplemental examinations in the Sophister years.

7 For students in Strand B, failure in any Irish language component is normally not compensatable.

8 The Junior and Senior Sophister examinations together constitute the moderatorship examination to which they contribute 35 per cent and 65 per cent of the marks respectively.

9 Assessed essays and language exercises form a component of the examinations for Freshmen and Sophisters. Each piece of work must conform to the requirements set out in the course handbook and must be submitted by the date specified therein. No piece of work will be accepted for the moderatorship examination unless credit has been obtained for the preceding pieces of work required for the module concerned. The late submission of assessed work will be penalised. Details of penalties for late submission are given in the relevant course handbook.



10 Students who have passed the Junior Sophister examinations may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

11 The optional modules offered may vary from year to year.

### **Junior Freshmen**

#### *Modules*

##### STRAND A

- 1 IE 1001: Imagining Ireland I (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - English (20 credits)
  - History (20 credits)
  - Irish (10 credits)

##### STRAND B

- 1 IE 1001: Imagining Ireland I (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - Irish (25 credits)
  - History (20 credits)
  - English (5 credits)

#### *Examination*

Examination methods consist of formal examination papers, assessed essays and other assigned exercises. Modules are weighted according to their credit values.

### **Senior Freshmen**

#### *Modules*

##### STRAND A

- 1 Imagining Ireland II (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - History (20 credits)
  - English (20 credits)
  - Irish (10 credits)

##### STRAND B

- 1 Imagining Ireland II (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - Irish (20 credits)
  - History (20 credits)
  - English (5 credits)
- 3 Broad Curriculum (5 credits)

#### *Examination*

Examination methods consist of formal examination papers, assessed essays and other assigned exercises. Modules are weighted according to their credit values.

## Junior Sophisters

### *Modules*

#### STRAND A

- 1 Imagining Ireland III (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - English (20 credits)
  - History (20 credits)
  - Interdisciplinary (10 credits)

#### STRAND B

- 1 Imagining Ireland III (10 credits)
- 2 Students will also take modules in the three main disciplines as follows:
  - Irish (20 credits)
  - History (20 credits)
  - English (10 credits)

### *Examination*

Examination methods consist of formal examination papers, assessed essays and other assigned exercises. Modules are weighted according to their credit values.

## Senior Sophisters

### *Modules*

- 1 Imagining Ireland IV (10 credits)
- 2 Dissertation (20 credits)
- 3 Students choose Sophister modules from an approved list (30 credits in total)

### *Examination*

Examination methods consist of formal examination papers, assessed essays and other assigned exercises. Modules are weighted according to their credit values.

# *Faculty of Engineering, Mathematics and Science*

## *I GENERAL FACULTY REGULATIONS<sup>1</sup>*

### *Degrees*

1 The faculty provides courses leading to the following degrees:

(a) **COMPUTER SCIENCE AND STATISTICS**

Bachelor in Arts (Moderatorships in Computer Science and Business, in Computer Science and Language, and in Management Science and Information Systems Studies (B.A. with honors)), Bachelor in Arts (Moderatorship in Computer Science) (B.A. with honors) and Master in Computer Science (M.C.S.), Bachelor in Science (Information Systems) (B.Sc. (Syst. Inf.)) (evening course), see II below.

(b) **ENGINEERING SCIENCE**

Bachelor in Arts (B.A.), see section III, §24 below,<sup>2</sup> Bachelor in Engineering (B.A.I.) and Master in Engineering (Studies) (M.A.I. (St.)), Bachelor in Science (Engineering) (B.Sc. (Ing.)) and Master in Engineering (Studies) (M.A.I. (St.)) in Engineering with Management, see III below.

(c) **MATHEMATICS<sup>3</sup>**

Bachelor in Arts (Moderatorships in Mathematics, and in Theoretical Physics (B.A. with honors)), Bachelor in Arts (Ordinary B.A. degree), see IV below.

(d) **SCIENCE<sup>3</sup>**

Bachelor in Arts (Moderatorships in Science (in one of the following subjects: biochemistry, chemistry, environmental sciences, functional biology – the comparative physiology of organisms, genetics, geography, geology, immunology, microbiology, molecular medicine, neuroscience, physics, physics and astrophysics, physiology, plant sciences, zoology), in Earth Sciences, in Human Genetics, in Chemistry with Molecular Modelling, in Medicinal Chemistry, in Nanoscience, Physics and Chemistry of Advanced Materials, and in Political Science and Geography (B.A. with honors)), Bachelor in Arts (Ordinary B.A. degree), Bachelor in Science (Human Health and Disease) (B.Sc. (Hom. Val.)), see V below.

### *Diploma*

2 The following undergraduate diploma course is available: information systems, see II below.

### *Admission*

3 Applications for admission from E.U. applicants to the courses for these degrees (except for the evening Diploma/B.Sc. degree in Information Systems) should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Non-E.U. applicants should apply online direct to Trinity College Dublin by 1 February of the proposed year of entry. For further information see <https://www.tcd.ie/study/non-eu/undergraduate/>.

4 Applicants must satisfy the admission requirements of the University, together with any special requirements for entry into particular courses in the faculty; see ADMISSION REQUIREMENTS.

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<sup>1</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

<sup>2</sup>The practice of awarding the concurrent degree of ordinary B.A. is under review.

<sup>3</sup>For details of geography or mathematics in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

### *Abridgement of course*

5 Where places are available students may be permitted to abridge their course, if, in the opinion of the appropriate head(s) of school(s), director(s) of undergraduate teaching and learning, head(s) of department(s) or course director, they are qualified by their knowledge and attainment to do so, or by passing specified examinations. Applicants must pay a fee before presenting themselves for examination (see COLLEGE CHARGES). Applications for permission to abridge any course should be made through the Academic Registry in the first instance.

### *Academic progress*

6 To gain credit for the academic year and rise with their class, students must (a) attend satisfactorily the lectures given in the subjects of their course each term as required by the University Council and the school or course committee concerned, (b) perform satisfactorily the prescribed exercises (essay, tutorial or practical work), and (c) pass, in accordance with the course regulations, the prescribed examinations, see GENERAL REGULATIONS AND INFORMATION.

Students are normally required to take modules totalling 60 ECTS credits in each year of their course.

### *Examinations*

7 Examinations are held in Trinity term, except where an indication to the contrary is given. In most courses supplemental examinations will be held in the Freshman years, and in certain courses in the Junior Sophister year, in the succeeding Michaelmas term.

In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the assessment methods may differ. In non-degree years, whilst passing marks are not capped at the supplemental session, a student's overall end of year result will be recorded as 'pass at supplemental'. However, where assessments count towards an award, any assessment component in which a student supplements will be capped at 40 per cent.

### *Repetition of year*

8 Students who in any year have failed to satisfy any one or more of the conditions defined in §6 will not, except as provided in GENERAL REGULATIONS AND INFORMATION, receive credit for the year. The relevant court of examiners may permit them to repeat the year, if they are entitled to do so (see GENERAL REGULATIONS AND INFORMATION), or may exclude them from the course. Permission to repeat the year will normally be granted only to students whom the relevant court of examiners considers to have made a serious attempt at their examinations and normally pertains to repeating the year in full. Students have the right to appeal to the relevant court of first appeal.

### *Transfer of course*

9 Students may apply through their tutor, using the standard form available, to the Senior Lecturer for permission to transfer to another course; see GENERAL REGULATIONS AND INFORMATION.

### *Foundation scholarship*

10 Students intending to present themselves for this examination should see FOUNDATION SCHOLARSHIPS.

### *Gold medals and prizes*

11 Gold medals are awarded by the Board to candidates of the first class who have shown exceptional merit at the annual degree examination in honor or professional courses (see <https://www.tcd.ie/study/non-eu/undergraduate>).

Various studentships, scholarships, exhibitions, and other prizes are awarded to students on the results of honor and other examinations, provided that sufficient merit is shown. Monetary

awards are sent direct to prize-winners unless otherwise stated under the regulations for the particular prize. For details see PRIZES AND OTHER AWARDS (see also MISCELLANEOUS AWARDS).

At the annual examinations a book prize (value under review) is awarded to each candidate obtaining an overall first class honors grade in an honor course. These prizes are not awarded in the Senior Sophister or final year.

These prizes, which are issued in the form of vouchers, can be exchanged by the student at designated booksellers. Book prizes may be collected from the Academic Registry by the award holder in person.

## II COURSES IN COMPUTER SCIENCE AND STATISTICS

### *Fees*

1 See COLLEGE CHARGES.

### MODERATORSHIP IN COMPUTER SCIENCE AND BUSINESS<sup>4</sup>

#### *Admission*

2 For admission requirements see section I, §§3,4.

#### *Course*

3 The course is of four years' duration. The course aims to provide graduates with the knowledge and skills necessary for the technical field of computer science and the business management skills to understand markets and to manage business operations within organisations. The course will prepare students for challenging careers in either (or both) computer science and business. Students must take 60 ECTS in each year of study, as outlined in the syllabus below.

#### *Examinations*

4 The students are examined in the work of each year. There are supplemental examinations in Michaelmas term each year, except for the Senior Sophister year. Permission to take supplemental examinations will not normally be granted to students whom the court of examiners considers to have not made a serious attempt at the annual examinations unless an adequate explanation is furnished. Students must submit satisfactory course work in each year. Students who fail to do so may be refused permission to take all or part of the annual examinations for that year.

To pass the Freshman years and the Junior Sophister year, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in either year. Students, in these years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as specified by either school, during the supplemental examination period.

To pass the Senior Sophister year students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits either by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 40 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. Compensation will be permitted in modules totalling a maximum of 20 credits provided that a

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<sup>4</sup>Prior to 2012-13 this course was called the Moderatorship in Business and Computing.

minimum mark of 30 per cent has been attained in any failed module(s). Further, passing by aggregation will be permitted if a mark of less than 30 per cent has been achieved in a module or modules carrying up to a maximum of 10 credits provided that a mark of at least 30 per cent has been achieved in any remaining failed module(s). As with the earlier years, the designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in the Senior Sophister year. Successful candidates at the moderatorship examination are placed in the following classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

Students who have not passed in its entirety any examination within eighteen months from the date on which they first became eligible for it, are reported to the University Council as unsatisfactory with a recommendation for their exclusion from the course.

#### *Ordinary degree of B.A.*

5 Students who have passed the Junior Sophister examination may have the ordinary B.A. degree conferred if they do not choose to proceed to the Senior Sophister year or if they fail to complete satisfactorily the Senior Sophister year of the course. Except by permission of the University Council, on the recommendation of the Executive Committees of the School of Computer Science and Statistics and the School of Business, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### *Syllabus*

##### **6 Junior Freshmen**

Students must take three mandatory business modules:

- BU1510 Introduction to organisation and management (10 credits)
- EC1040 Introduction to economic policy (10 credits)
- ST1002 Statistical analysis I (5 credits)

Students will also be required to take five mandatory computer science modules:

- CS1000 Mathematics (10 credits)
- CS1010 Introduction to programming (10 credits)
- CS1013 Programming project I (5 credits)
- CS1021 Introduction to computing I (5 credits)
- CS1BC1 Business computing systems I (5 credits)

##### **7 Senior Freshmen**

Students will be required to take the following mandatory business modules:

- BU2510 Organisational behaviour (5 credits)
- BU2520 Principles of marketing (5 credits)
- BU2530 Introduction to accounting (5 credits)
- BU2550 Introduction to finance (5 credits)
- BU2560 Introduction to operations management (5 credits)
- BU2570 Creative thinking, innovation and entrepreneurial action (5 credits)

Students will also be required to take three mandatory computer science modules:

- CS2010 Algorithms and data structures (10 credits)
- CS2013 Programming project II (5 credits)
- CS2041 Information management I (5 credits)

and a choice of either:

- CS2014 Systems programming (5 credits) and
- CS2016 Concurrent systems and operating systems (5 credits)
- or
- CS2BC1 Systems analysis and design I (5 credits) and
- CS2BC2 Systems analysis and design II (5 credits)

The availability of modules may be restricted by resource or timetable considerations.

## 8 Junior Sophisters

Students must take 60 credits in total with at least 20 credits in business and 20 credits in computer science.

### BUSINESS MODULES

- BU3510 Marketing management (10 credits)
- BU3520 Management accounting for business decisions (10 credits)
- BU3530 Financial and management accounting (10 credits)
- BU3570 Human resource management (10 credits)
- BU3590 Business in society (10 credits)
- BU3600 Innovation, entrepreneurship and new venture development (10 credits)
- BU3620 Introduction to fixed income securities and alternative investments (5 credits)
- BU3630 Surveying finance (5 credits)
- BU3640 Services management (5 credits)
- BU3650 Digital technology in operations (5 credits)
- BU3660 Organisation theory and organisational analysis (5 credits)
- BU3670 Advanced topics in organisation theory and analysis (prerequisite BU3660) (5 credits)

### COMPUTER SCIENCE MODULES

- ST2004 Applied probability I (5 credits)
- CS2031 Telecommunications II (5 credits)
- CS3011 Symbolic programming (5 credits)
- CS3012 Software engineering (5 credits)
- CS3013 Software engineering group project (5 credits)
- CS3016 Introduction to functional programming (5 credits)
- CS3017 Introduction to semantics of programming languages (5 credits)
- CS3041 Information management II (5 credits)
- CS3061 Artificial intelligence I (5 credits)
- CS3071 Compiler design I (5 credits)
- CS3081 Computational mathematics (5 credits)
- CS3BC1 e-Business I (5 credits)
- CS3BC2\* e-Business II (5 credits)

\*Students are required to have completed CS3BC1 in order to study this module.

The availability of modules may be restricted by resource or timetable considerations.

## 9 Senior Sophisters

Students must take 60 credits in total with at least 15 credits in business and 15 credits in computer science. The computer science final year project is mandatory.

### BUSINESS MODULES

- BU4511 International business and the global economy (15 credits)
- BU4522 Exploring organisational experiences (15 credits)
- BU4530 Financial reporting and analysis (15 credits)
- BU4541 Financial markets and the corporate sector (15 credits)
- BU4550 Advances in marketing theory and practice (15 credits)
- BU4580 Managing new product development (15 credits)
- BU4620 Social entrepreneurship and social innovation: organisation and management (15 credits)
- BU4630 Economic policy and business history (15 credits)

## COMPUTER SCIENCE MODULES

CS4091	Final year project (15 credits)
CS3031	Advanced telecommunications (5 credits)
CS4001	Fuzzy logic (5 credits)
CS4021	Advanced computer architecture (5 credits)
CS4032	Distributed systems (5 credits)
CS4051	Human factors (5 credits)
CS4052	Computer graphics (5 credits)
CS4053	Computer vision (5 credits)
CS4071	Compiler design II (5 credits)
ST4500	Strategic information systems (10 credits)

The choice of options may be restricted by resource or timetable considerations.

## MODERATORSHIP IN COMPUTER SCIENCE AND MASTER IN COMPUTER SCIENCE (M.C.S.)

### *Admission*

10 For admission requirements for entry into the first year see ADMISSION REQUIREMENTS.

For direct entry into the fourth year admission is competitive and is normally restricted to graduates who have received a second class honors degree result or better in a National Framework of Qualifications (NFQ) level 8 degree. Well-qualified candidates from other disciplines who have sufficient knowledge of computing (including the ability to program) may also apply.

### *Course*

11 For students who entered the course prior to 2012, the course normally lasts for four years and leads to a B.A. (Moderatorship) degree in Computer Science. Students who entered the course prior to 2012 will also have the option to participate in the five-year course.

From 2012 the course will normally last for five years and will lead to the degrees of B.A. (Moderatorship) and Master in Computer Science.

12 The course is concerned with the study of the theoretical underpinnings and practical applications of computers. The first two years provide an introduction to fundamentals including mathematics, programming, microprocessor systems, digital logic, telecommunications, information management and the relationship between computers and society. Later years provide specialisation in a broad range of topics through core and elective modules.

Students participating in the Master in Computer Science course will be required to engage in a one semester internship in industry or in a university research laboratory in their fourth year. In the fifth year students will undertake a significant project with a substantial element of independent research leading to a dissertation.

Students completing the fourth year to exit with a B.A. (Moderatorship) undertake a significant final year project.

### *Examinations*

13 Students are examined in the work of each year. Supplemental examinations will be held in Michaelmas term each year, except for the fourth and fifth years. Permission to take supplemental examinations will not normally be granted to students whom the court of examiners considers not to have made a serious attempt at the annual examinations unless an adequate explanation is furnished. Students must submit satisfactory course work in each year. Students who fail to do so, or whose attendance is unsatisfactory, may be refused permission to take all or part of the annual examinations for the year.

Students who have not passed in its entirety any examination within eighteen months from the date on which they first became eligible for it, will be reported to the University Council as unsatisfactory with a recommendation for their exclusion from the course.



In years one to four successful candidates at the annual examinations will be awarded one of the following grades: first class honors, second class honors (with two divisions, first and second) or third class honors.

The B.A. (Moderatorship) degree result is awarded based on a combined mark from the annual sitting of the third year examinations (which count for 20 per cent of the moderatorship result) and fourth year examinations (which count for 80 per cent of the moderatorship result). Successful candidates at the fifth year examinations will be awarded a classified B.A. (Moderatorship) and a Master in Computer Science or a Master in Computer Science with distinction.

#### *Progression*

14 To pass each of the first three years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in years one to three of the course, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period. Due to the nature of group work, failed group assignments cannot be re-assessed during the supplemental period, which means that a student may be required to repeat the year.

To pass the fourth year of the course students must achieve a credit-weighted average mark of at least 40 per cent and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 50 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. There are no supplemental examinations in the fourth year.

Third year students who pass the third year examinations and achieve an average of at least 50 per cent or better may progress to the fourth year of the five year master's course. Students who achieve a third class honors grade in their third year examinations may exit the course with an ordinary B.A. degree, continue to the fourth year in order to achieve and exit with a B.A. (Moderatorship), or may repeat their third year to pass the third year examinations and achieve an average of at least 50 per cent or better in order to remain on the five year integrated course.

Fourth year students who pass the fourth year examinations and achieve an average of at least 60 per cent and satisfy the requirements for the award of Moderatorship in Computer Science may progress to the fifth year or exit the course with a B.A. (Moderatorship) degree. Students who achieve a second class (second division) honors or a third class honors grade in their fourth year examinations may exit the course with a B.A. (Moderatorship) degree or may repeat the fourth year to pass the fourth year examinations and achieve an average of at least 60 per cent and satisfy the requirements for the award of Moderatorship in Computer Science in order to progress to the fifth year of the Master in Computer Science course. Students who fail to achieve a pass grade may exit with an ordinary B.A. degree.

#### *Ordinary degree of B.A.*

15 Students who have passed the third year examination may have the ordinary B.A. degree conferred if they do not choose to proceed to the fourth year of the course or if they fail to complete satisfactorily the fourth year of the course. Except by permission of the University Council, on the recommendation of the Executive Committee of the School of Computer Science and Statistics, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### *Moderatorship degree*

16 Students who have passed their fourth year examinations may have the B.A. (Moderatorship) degree conferred if they do not choose, or are not allowed, to proceed to the fifth year of the course.

### *Master in Computer Science degree*

17 Successful candidates at the fifth year examinations will be awarded the degree of Master in Computer Science or Master in Computer Science with distinction. A distinction shall require at least 70 per cent in the dissertation and at least 70 per cent in the final credit-weighted average mark.

### *Modules*

#### **18 Year 1**

- CS1000 Mathematics (10 credits)
- CS1010 Introduction to programming (10 credits)
- CS1013 Programming project I (5 credits)
- CS1026 Digital logic design (10 credits)
- CS1021 Introduction to computing I (5 credits)
- CS1022 Introduction to computing II (5 credits)
- CS1025 Electrotechnology (5 credits)
- CS1031 Telecommunications I (5 credits)
- CS1081 Computers and society (5 credits)

#### **19 Year 2**

- MA2C03 Discrete mathematics (10 credits)
- CS2010 Algorithms and data structures (10 credits)
- CS2013 Programming project II (5 credits)
- CS2014 Systems programming (5 credits)
- CS2016 Concurrent systems and operating systems (5 credits)
- CS2021 Microprocessor systems (5 credits)
- CS2022 Computer architecture I (5 credits)
- CS2031 Telecommunications II (5 credits)
- CS2041 Information management I (5 credits)
- CS2081 Broad Curriculum (5 credits)

#### **20 Year 3**

- ST3009 Statistical methods for computer science (5 credits)
- CS3011 Symbolic programming (5 credits)
- CS3012 Software engineering (5 credits)
- CS3013 Software engineering group project (5 credits)
- CS3014 Concurrent systems (5 credits)
- CS3016 Introduction to functional programming (5 credits)
- CS3021 Computer architecture II (5 credits)
- CS3041 Information management II (5 credits)
- CS3081 Computational mathematics (5 credits)
- CS3071 Compiler design I (5 credits)

and two options from the following list:<sup>5</sup>

- CS3017 Introduction to semantics of programming languages (5 credits)
  - CS3031 Advanced telecommunications (5 credits)
  - CS3061 Artificial intelligence I (5 credits)
- Additional topics<sup>6</sup>

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<sup>5</sup>It may not be possible to offer all the options each year and some modules have prerequisites.

## 21 Year 4

- CS4051 Human factors (5 credits)
- CS4081 Entrepreneurship and High Tech Venture Creation (5 credits)

Students completing the fourth year to exit with a B.A. (Moderatorship) take the following modules:

- CS4098 Group computer science project (10 credits)
- CS4099 Final year project (20 credits)

and must choose four options from the following list:<sup>5</sup>

- CS4001 Fuzzy logic (5 credits)
- CS4003 Formal methods (5 credits)
- CS4012 Topics in functional programming (5 credits)
- CS4021 Advanced computer architecture (5 credits)
- CS4031 Mobile communications (5 credits)
- CS4032 Distributed systems (5 credits)
- CS4052 Computer graphics (5 credits)
- CS4053 Computer vision (5 credits)
- CS4061 Artificial intelligence IIa (5 credits)
- CS4071 Compiler design II (5 credits)
- CS4LL5 Advanced computational linguistics (5 credits)
- Additional topics<sup>6</sup>

Students following the Master in Computer Science course undertake an internship:

- CS7091 Industrial/research laboratory internship (30 credits)

and must choose four options<sup>7</sup> from the following list:<sup>5</sup>

- CS4001 Fuzzy logic (5 credits)
- CS4003 Formal methods (5 credits)
- CS4012 Topics in functional programming (5 credits)
- CS4021 Advanced computer architecture (5 credits)
- CS4031 Mobile communications (5 credits)
- CS4032 Distributed systems (5 credits)
- CS4052 Computer graphics (5 credits)
- CS4053 Computer vision (5 credits)
- CS4061 Artificial intelligence IIa (5 credits)
- CS4071 Compiler design II (5 credits)
- CS4LL5 Advanced computational linguistics (5 credits)
- Additional topics<sup>6</sup>

The course is currently under review and there may be changes to the above list of modules.

## 22 Year 5

- CS7064 Research methods (5 credits)
- CS7092 Master in Computer Science dissertation (30 credits)

and five options from the following list:<sup>8</sup>

- CS7003 Middleware for distributed systems (5 credits)
- CS7004 Embedded systems (5 credits)
- CS7008 Vision systems (5 credits)

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<sup>6</sup>Additional modules covering special topics may be added to this list subject to staff availability and timetabling constraints.

<sup>7</sup>A maximum of 20 credits of CS4 level modules can be taken over year four and five.

<sup>8</sup>It may not be possible to offer all the options each year and some modules have prerequisites.

- CS7009 Networked applications I (5 credits)
  - CS7012 Management of networks and distributed systems (5 credits)
  - CS7030 Numerical methods and advanced mathematical modelling I (5 credits)
  - CS7031 Graphics and console hardware (5 credits)
  - CS7032 Artificial intelligence (5 credits)
  - CS7033 Real-time animation (5 credits)
  - CS7034 Augmented reality (5 credits)
  - CS7048 Data communications and wireless networking (5 credits)
  - CS7052 Sustainable computing (5 credits)
  - CS7053 Security of networks and distributed systems (5 credits)
  - CS7055 Real-time rendering (5 credits)
  - CS7058 Numerical methods and advanced mathematical modelling II (5 credits)
  - CS7068 Financial informatics for computer science (5 credits)
  - CS7069 Behavioural finance for computer science (5 credits)
  - CS7073 The specifications and analysis of reactive systems (5 credits)
- Additional topics<sup>6</sup>

#### MODERATORSHIP IN COMPUTER SCIENCE AND LANGUAGE

23 For details see FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.

#### MODERATORSHIP IN MANAGEMENT SCIENCE AND INFORMATION SYSTEMS STUDIES

24 This course is concerned with the application of computers, mathematical techniques and information systems to problem-solving, decision-making and planning in the management of business and industry. Its aim is to provide a practical training founded on a solid theoretical base, which will enable its graduates to be immediately effective while remaining adaptable to new developments in business and information technology.

#### *Modules*

##### 25 Junior Freshmen

Students take mandatory modules in business and management, computer science, economics, management science, mathematics and statistics amounting to 60 credits.

- BU1510 Introduction to organisation and management (10 credits)
- CS1010 Introduction to programming (10 credits)
- EC1010 Introduction to economics (10 credits)
- MA1E01 Engineering mathematics I (5 credits)
- MA1E02 Engineering mathematics II (5 credits)
- ST1001 Software applications I (5 credits)
- ST1002 Statistical analysis I (5 credits)
- ST1004 Introduction to management science (10 credits)

##### 26 Senior Freshmen

Students take mandatory modules in business and management, computer science, economics, management science, mathematics, probability and statistics amounting to 60 credits.

- BU2530 Introduction to accounting (5 credits)
- BU2550 Introduction to finance (5 credits)
- CS2010 Algorithms and data structures (10 credits)
- MA2E01 Engineering mathematics III (5 credits)
- MA2E02 Engineering mathematics IV (5 credits)
- ST2001 Software applications II (5 credits)
- ST2002 Introduction to regression (5 credits)

- ST2004 Applied probability I (5 credits)
- ST2005 Applied probability II (5 credits)
- ST2006 Management science methods (10 credits)

The MSISS course is currently under review and there may be changes to the above list of modules.

### **27 Junior Sophisters**

Mandatory modules must be taken in a number of areas including information systems, management science and statistics.

- ST3001 Software applications III (10 credits)
- ST3002 Statistical analysis III (5 credits)
- ST3004 Research methods (5 credits)
- ST3005 Information systems (5 credits)
- ST3010 Applied forecasting (5 credits)
- ST3011 Multivariate linear analysis (MLA) (5 credits)
- ST3008 Management science case studies (10 credits)
- CS3012 Software engineering (5 credits)
- Option (10 credits)

The MSISS course is currently under review and there may be changes to the above list of modules.

In their Junior Sophister year students take an option from a list of modules in business, computer science, economics, mathematics and statistics. The choice of options may be restricted by timetable considerations.

### **28 Senior Sophisters**

In the Senior Sophister year all students carry out a project based on a real industrial or organisational problem and take mandatory modules in information systems, management science and statistics.

- ST4500 Strategic information systems (10 credits) or
- ST4502 Strategic information systems\* (5 credits)
- ST4003 Data analytics (10 credits)
- ST4004 Management science in practice (10 credits)
- ST4001 MSISS final year project (20 credits)
- Option (10 credits)

\*ST4502 is only available to students who are taking a 15 credit elective.

The MSISS course is currently under review and there may be changes to the above list of modules.

In their Senior Sophister year students take an option from a list of modules in business, computer science, economics, mathematics and statistics. The choice of options may be restricted by timetable considerations. Each student's choice of elective modules and final year project must be approved by the Course Director.

#### *Assessment*

29 In all years students are assessed by assignments and tests during the year and/or by formal examinations. There are supplemental written examinations in Michaelmas term each year, except for the Senior Sophister year.

To pass each year of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent

in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in either year. Students, in the Freshman and Junior Sophister years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period or by re-submitting required course work during the summer.

The Junior and Senior Sophister examinations together constitute the moderatorship examination to which they contribute 35 per cent and 65 per cent of the marks respectively.

Successful candidates at the final degree examination (moderatorship) are placed in the following classes: first class honors, second class honors (with two divisions, first and second), and third class honors. The final degree result is based on a student's overall performance within the Sophister years.

#### *Ordinary degree of B.A.*

30 Students who have passed the Junior Sophister examination may have the ordinary B.A. degree conferred if they do not choose to proceed to the Senior Sophister year, or if they fail to complete satisfactorily the Senior Sophister year of the course. Except by permission of the University Council, on the recommendation of the Executive Committee of the School of Computer Science and Statistics, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### DIPLOMA IN INFORMATION SYSTEMS (EVENING COURSE)

#### *Admission*

31 Applications for admission to the Diploma in Information Systems should be submitted to Trinity College Dublin by 31 July. Further information on the application procedures can be found at <http://www.tcd.ie/study>. For non-mature students the minimum requirements for the diploma are six passes in the Leaving Certificate, or equivalent, with a minimum grade C3 at ordinary level in English and mathematics.

#### *Course*

32 This course is of two years' duration. Examinations are held each year. Suitably qualified students may be exempted from specified modules or admitted to the second year of the course.

#### *Examinations*

33 Annual examinations are held each year with supplemental examinations in the Michaelmas term. Students who have not passed in its entirety any examination within eighteen months from the date on which they first became eligible for it are reported to the University Council as unsatisfactory with a recommendation for their exclusion from the course. To pass each year of the diploma course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade P3) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in either year. Students, in these years, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade P3) by taking such assessment components, as required, during the supplemental examination period.

## *Syllabus*

### **34 Year 1**

- CS1101 Information systems (10 credits)
- CS1102 Internet systems (10 credits)
- CS1103 Organisation and management (10 credits)
- CS1104 Information systems development I (10 credits)
- CS1105 Business methods (10 credits)
- CS1106 Information systems practice I (10 credits)

### **35 Year 2**

- CS2101 Information and communications technology (10 credits)
- CS2102 Enterprise architecture and solution definition (10 credits)
- CS2103 Project management (10 credits)
- CS2104 Database and information management (10 credits)
- CS2105 Information systems development project (20 credits)

## **B.Sc. DEGREE IN INFORMATION SYSTEMS (EVENING COURSE)**

### *Admission*

36 Applications for admission to the evening Bachelor in Science in Information Systems degree course should be made to Trinity College Dublin by 31 July. Recipients of the Diploma in Information Systems (see above) are automatically transferred to the Bachelor in Science course and do not need to reapply.

37 Applicants must normally have completed the Diploma in Information Systems (see above) at a satisfactory level or have equivalent, recognised qualifications, experience and skills.

### *Examinations*

38 Annual examinations are held each year with supplemental examinations in Michaelmas term of the third year. There are no supplemental examinations in the fourth year. Students who have not passed in its entirety any examination within eighteen months from the date on which they first became eligible for it are reported to the University Council as unsatisfactory with a recommendation for their exclusion from the course. To pass each year of the degree course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in either year. Students in the third year who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period.

### *Degree award*

39 Successful candidates at the annual degree examination are placed in the following classes: first class honors, second class honors (with two divisions, first and second), and third class honors.

### *Choice of options*

40 In both years of the B.Sc. (Honors) Information Systems degree the choice of options may be restricted due to resource or timetable considerations. Modules with insufficient student numbers will not be offered. Information concerning elective modules may be obtained from the

Programme Director, Information Systems Programme. Each student's choice of elective modules must be approved by the Programme Director.

#### *Ordinary degree of B.A.*

41 Students who have passed the Junior Sophister examination may have the ordinary B.A. degree conferred if they choose not to proceed to the Senior Sophister year or if they fail to complete satisfactorily the Senior Sophister year of the course. Except by permission of the University Council, on the recommendation of the Executive Committee of the School of Computer Science and Statistics, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### *Syllabus*

##### **42 Year 3**

- CS3101 e-Business (10 credits)
- CS3102 Information systems development II (10 credits)
- CS3103 Business, management and IT (10 credits)
- CS3104 Information systems strategy (10 credits)
- CS3105 Law and IT (10 credits)
- CS3106 Information systems practice II (10 credits)
- CS3107 Social computing (10 credits)
- CS3108 Systems analysis and design (10 credits)

In the third year CS3103 is mandatory. In addition, students choose modules worth 50 credits from the list above.

##### **43 Year 4**

- CS4101 Information security (10 credits)
- CS4102 Innovation (10 credits)
- CS4103 Information systems management (10 credits)
- CS4104 Advanced information systems (10 credits)
- CS4105 Final-year project (20 credits)
- CS4106 Information systems development III (10 credits)

In the fourth year CS4105 is mandatory. In addition, students choose modules worth 40 credits from the list above.<sup>9</sup>

### *III COURSES IN ENGINEERING SCIENCE*

#### *Fees*

1 See COLLEGE CHARGES.

#### **DEGREES OF BACHELOR IN ENGINEERING AND MASTER IN ENGINEERING (STUDIES) (B.A.I., M.A.I. (St.))**

2 Students complete a four-year course leading to the B.A.I. degree, and may elect to complete an additional year of study leading to a M.A.I. (St.) degree, see §16. There is provision for an abridgement of the course to three years, see section I, §5.

3 During the first two years a programme of basic modules in engineering is provided. Following completion of the first two years of the course, students elect to study specialised programmes in one of the following strands:

- civil, structural and environmental engineering
- mechanical and manufacturing engineering
- biomedical engineering

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<sup>9</sup>It may not be possible to offer all the options each year. Additional modules covering special topics may be added to this list subject to staff availability and timetabling constraints.



electronic engineering  
computer engineering  
electronic/computer engineering (combined programme)

Following completion of the fourth year of the engineering degree course, eligible students may elect to complete one further year of study in their chosen strand leading to a M.A.I. (St.) degree, §16.

4 While every effort is made to allow students to study the strand/specialism they choose, the Engineering School Curriculum Committee reserves the right to allocate the available places. In some departments the number of places for students of any one year may be limited. Timetable constraints may also reduce the number of module options available.

5 Students who successfully complete the third year of their engineering course in Trinity College Dublin and meet the selection criteria may enrol on the 'double diploma' programme run jointly with the Institut National des Sciences Appliquées (I.N.S.A.) de Lyon. Selected candidates are admitted to the third year of the engineering course in I.N.S.A. de Lyon and take modules amounting to 60 credits from the third and fourth year curricula offered by the department corresponding to their chosen engineering specialty. This academic year is recognised as being equivalent to the fourth/B.A.I. year and, on its successful completion, students return to Trinity College Dublin to satisfactorily complete the fifth year of the M.A.I. degree course. Such students are eligible to be awarded with the B.A.I. and M.A.I. (St.) degrees. Subsequent to this students proceed directly to the fifth year of the engineering course in I.N.S.A. de Lyon returning to the department of their option to take a set of approved modules amounting to 60 credits. Upon successful completion of this additional year, students are eligible to be conferred with the Diplôme d'Ingénieur de l'I.N.S.A. de Lyon.

A similar arrangement exists for engineering students of the I.N.S.A. de Lyon whereby suitably qualified candidates are admitted to the third year of the Trinity College Dublin engineering course and complete two years here taking modules from the engineering department corresponding to their chosen option in I.N.S.A. de Lyon. Following successful completion of these two years in Trinity College Dublin students are eligible to be awarded the B.A.I. degree. Such students return to the department of their option in I.N.S.A. de Lyon to satisfactorily complete the fifth year of their home course and to receive the Diplôme d'Ingénieur de l'I.N.S.A. de Lyon.

6 A number of additional options to study abroad with approved partner institutions are available as an integrated part of the teaching programme for students following the M.A.I. course. These options may be taken in the fourth year and include Erasmus, UNITECH (as a paid industrial partnership) and CLUSTER. Full details of available options are available from the Engineering School Office and on the website.

7 Students are encouraged to gain relevant industrial experience during the vacation periods. Formal industrial partnerships/internships with approved industry partners are also available as an integrated part of the teaching programme for students following the M.A.I. course. This option may be taken in the fourth year.

### *Syllabus*

#### **8 Year 1**

Students take mandatory modules amounting to 60 credits.

1E1	Engineering mathematics I (5 credits)
1E2	Engineering mathematics II (5 credits)
1E3	Computer engineering I (5 credits)
1E4	Physics (5 credits)
1E5	Chemistry (5 credits)
1E6	Electrical engineering (5 credits)
1E7	Mechanics (5 credits)
1E8	Introduction to professional engineering (5 credits)

- 1E9 Engineering design I: graphics and computer aided engineering (5 credits)
- 1E10 Engineering design II: project (10 credits)
- 1E11 Experimental methods (5 credits)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

## 9 Year 2

Students take mandatory modules amounting to 60 credits.

- 2E1 Engineering mathematics III (5 credits)
- 2E2 Engineering mathematics IV (5 credits)
- 2E3 Computer engineering II (5 credits)
- 2E4 Solids and structures (5 credits)
- 2E5 Thermo-fluids (5 credits)
- 2E6 Electronics (5 credits)
- 2E7 Engineering and the environment (5 credits)
- 2E8 Materials (5 credits)
- 2E9 Engineering design III: project (10 credits)
- 2E10 Engineering design IV: project (5 credits)
- 2E11 Numerical methods (5 credits)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

## 10 Year 3

Students take admissible combinations of modules amounting to 60 credits, including the following mandatory modules:

- 3E1 Engineering mathematics V (5 credits) or
- 3E1a Engineering analysis (5 credits)
- 3E2 Numerical methods (5 credits) (for biomedical, civil and mechanical engineering strands)
- 3E3 Probability modelling (5 credits) (for biomedical and electronic/computer engineering strands) or
- 3E4 Innovation and entrepreneurship for engineers) (5 credits)
- ST2004 Applied probability (5 credits) (for electronic/computer engineering strands)

and admissible combinations from the following:<sup>10</sup>

- 3A1 Engineering surveying (5 credits)
- 3A2 Structural design (5 credits)
- 3A3 Hydraulics (5 credits)
- 3A4 Structural analysis (5 credits)
- 3A5 Soil mechanics (5 credits)
- 3A6 Construction technology (5 credits)
- 3A7 Transportation and highway engineering (5 credits)
- 3A8 Geology for engineers (5 credits)
- 3A9 Group design project (10 credits)
- 3B1 Thermodynamics (5 credits)
- 3B2 Fluid mechanics 1 (5 credits)
- 3B3 Mechanics of solids (5 credits)
- 3B4 Mechanical engineering materials (5 credits)
- 3B5 Mechanics of machines (5 credits)

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<sup>10</sup>Admissible combinations vary by engineering strand. It may not be possible to offer all the options every year.

3B6	Mechatronics (instrumentation and control) (5 credits)
3B7	Manufacturing technology and systems (5 credits)
3B8	Universal design innovation (10 credits)
3C1	Signals and systems (5 credits)
3C2	Digital circuits (5 credits)
3C3	Analogue circuits (5 credits)
3C4	Applied electromagnetism (5 credits)
3C5	Telecommunications (5 credits)
3C6A	Electronic engineering projects (5 credits) (for electronic/computer engineering strand)
3C6B	Electronic engineering projects (10 credits) (for electronic engineering strand)
3C7	Digital systems design (5 credits)
3D1	Microprocessor systems 1 (5 credits)
3D2	Microprocessor systems 2 (5 credits)
3D3	Computer networks (5 credits)
3D4	Operating systems and concurrent systems (5 credits)
3D5A	Software design and implementation (5 credits) (for electronic/computer engineering strand)
3D5B	Software design and implementation (10 credits) (for computer engineering strand)
CS2022	Computer architecture I (5 credits)
3BIO1	Anatomy and physiology (5 credits)
3BIO2	Biomedical design project (5 credits)
3BIO3	Quantitative physiology (5 credits)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

#### 11 Year 4

Students take admissible combinations of modules amounting to 60 credits by following one of three modes of study involving courses and project work in College (mode 1), a project-based engineering internship (mode 2), or an international academic exchange (mode 3), comprising admissible combinations of the following:<sup>11</sup>

4E1	Management for engineers (5 credits)
4E2	Engineering project (15 credits)
4E2B	Engineering design group project: part 1 (5 credits)
4E2C	Engineering design group project: part 2 (10 credits)
4E4	Engineering project internship (30 credits)
4E5	Innovation in product development (20 credits)
4E6	Robotic design (10 credits)
4A1	Civil engineering materials (5 credits)
4A2	Hydrogeology and engineering geology (5 credits)
4A3(1)	Environmental engineering I (5 credits)
4A3(2)	Environmental engineering II (5 credits)
4A4	Hydraulics (5 credits)
4A5(1)	Geotechnical engineering I (5 credits)
4A5(2)	Geotechnical engineering II (5 credits)
4A6(1)	Structures I (5 credits)
4A6(2)	Structures II (5 credits)
4A6(3)	Structures III (5 credits)
4A7	Design and the built environment (5 credits)
4A8	Transportation (5 credits)

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<sup>11</sup>The general regulations with respect to the timing of academic exchanges in final year apply.

4B1	Mechanics of solids (5 credits)
4B2	Forensic materials engineering (5 credits)
4B3	Thermodynamics (5 credits)
4B4	Heat transfer (5 credits)
4B5	Manufacturing technology (5 credits)
4B6	Manufacturing systems and project management (5 credits)
4B7	Computer aided design (5 credits)
4B8	Tribology (5 credits)
4B9	Mechatronics and systems (5 credits)
4B10	Instrumentation and experimental techniques (5 credits)
4B11	Engineering vibrations and noise (5 credits)
4B12	Acoustics (5 credits)
4B13	Fluid mechanics 2 (5 credits)
4B14	Applied fluid mechanics (5 credits)
4B15	Introduction to bioengineering (5 credits)
4B16	Biomechanics of tissues and plants (5 credits)
4B17	Multibody dynamics (5 credits)
4B18	Flow process control (5 credits)
4B19	Biomechanics (5 credits)
4B20	Biomaterials (5 credits)
4BIO1	Cell and molecular biology (5 credits)
4BIO2	Telemedicine (5 credits)
4BIO3	Physical and physiological measurement (5 credits)
4C1	Integrated systems design (5 credits)
4C2	Microelectronic circuits (5 credits)
4C3	Digital control systems (5 credits)
4C4	Wireless communications (5 credits)
4C5	Digital signal processing (5 credits)
4C6	Microelectronic technology (5 credits)
4C7	Digital communications (5 credits)
4C8	Digital media processing (5 credits)
4C10	Digital communications (5 credits)
4C11	Optoelectronics (5 credits)
4C12	Applied signal processing (5 credits)
4C14	Introduction to bioengineering (5 credits)
4C15	Analogue signal processing (5 credits)
CS3421	Computer architecture II (5 credits)
CS4D2A	Information management II (5 credits)
CS4D2B	Knowledge engineering (5 credits)
CS4031	Mobile communications (5 credits)
CS4052	Computer graphics (5 credits)
CS4053	Computer vision (5 credits)
CS7052	Sustainable computing (5 credits)
CS7434	Augmented reality (5 credits)
CS7453	Security of networks and distributed systems (5 credits)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

## 12 Year 5

In the fifth year of the course all students complete mandatory and optional modules (30 credits), a mandatory engineering research project (25 credits) and an associated module in research methods (5 credits).

5E1	Engineering research project (25 credits)
5E2	Research methods (5 credits)
C1	Renewable energy I (5 credits)
C2	Renewable energy II (5 credits)
C3	Modelling of engineering systems (5 credits)
C4	Façade engineering (5 credits)
C6	Construction innovation and research (5 credits)
E3	Environmental engineering (5 credits)
E4	Waste and environmental management (5 credits)
E5	Water quality and hydrological modelling (5 credits)
S1	Geotechnical engineering (5 credits)
S2	Advanced computation for structures (5 credits)
S3	Wind and earthquake engineering (5 credits)
S4	Bridge engineering (5 credits)
S5	Advanced concrete technology (5 credits)
S6	Soil-structure interaction (5 credits)
S8	Concrete durability and sustainability (5 credits)
S9	Advanced theory of structures (5 credits)
T1	Transportation (5 credits)
T2	Transport modelling (5 credits)
T3	Highway engineering (5 credits)
T4	Applied transportation analysis (5 credits)
5B1	Flow induced vibration and fluid structure interaction (5 credits)
5B2	Advanced materials (5 credits)
5B3	Advanced thermodynamics (5 credits)
5B4	Engineering vibration and noise (5 credits)
5B5	Human factors (5 credits)
5M1	Mechanics of solids (5 credits)
5M2	Forensic materials engineering (5 credits)
5M3	Thermodynamics (5 credits)
5M4	Heat transfer (5 credits)
5M5	Manufacturing technology (5 credits)
5M6	Manufacturing systems and project management (5 credits)
5M7	Computer aided design (5 credits)
5M8	Tribology (5 credits)
5M9	Mechatronics and systems (5 credits)
5M10	Instrumentation and experimental techniques (5 credits)
5M12	Acoustics (5 credits)
5M13	Fluid mechanics (5 credits)
5M14	Applied fluid mechanics (5 credits)
5M15	Introduction to bioengineering (5 credits)
5M16	Biomechanics of tissues and implants (5 credits)
5M17	Multibody dynamics (5 credits)
5M18	Flow process control (5 credits)
5M19	Biomechanics (5 credits)
5M20	Biomaterials (5 credits)
5BIO1	Medical devices (10 credits)
5BIO2	Advanced tissue mechanics and mechanobiology (5 credits)
5BIO3	Tissue engineering (5 credits)
5BIO4	Physiological measurement and data analysis (5 credits)
5BIO5	Injury biomechanics and musculoskeletal dynamics (5 credits)
5BIO6	Neural signal analysis (5 credits)
5C1	Digital media systems (10 credits)

5C2	Wireless networks and communications (10 credits)
5C3	Statistical signal processing (5 credits)
5C4	Speech and audio engineering (5 credits)
5C5	Optical fibre communications (5 credits)
5C6	Digital control systems (5 credits)
CS4501	Fuzzy logic (5 credits)
CS4521	Advanced computer architecture (5 credits)
CS4504	Formal verification (5 credits)
CS4532	Distributed systems (5 credits)
CS7004	Embedded systems (5 credits)
CS7009	Networked applications I (5 credits)
CS7032	Artificial intelligence (5 credits)
CS7033	Real time animation (5 credits)
CS7046	Information architecture (5 credits)
5MEMS1	Micro and precision manufacturing (5 credits)
5MEMS2	Advanced manufacturing I (5 credits)
5MEMS3	Supply chain management (5 credits)
5MEMS4	Operations strategy (5 credits)
5MEMS7	Risk management and safety assessment systems (5 credits)
7B09	Neural engineering (5 credits)
7B10	Implanted devices and systems (5 credits)
7B11	Neural signal analysis (5 credits)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

#### *Examinations*

13 Students are examined in the work of each year. Students whose attendance or work is unsatisfactory in any year may be refused permission to take all or part of the annual examinations for that year. To gain a pass in the annual examinations of any year students must normally pass in all modules.

14 Supplemental examinations, where appropriate, are held each year at the beginning of Michaelmas term. During the first three years of the course, students who have failed the annual examination may be permitted to take a supplemental examination.

15 To rise with their year, students must successfully complete the prescribed number of credits, subject to the variations as provided for by compensation requirements. To pass each of the first three years of the course, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in any year. Students, in years one to three of the course, who do not pass at the annual examination session, either outright or by compensation, must complete supplemental examinations in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking assessment components, as required, during the supplemental examination period. Due to the nature of group work, failed group assignments cannot be re-assessed during the supplemental period, which means that a student may be required to repeat the year.

To pass the fourth year of the course students must achieve a credit-weighted average mark of at least 40 per cent and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 50 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. There are no supplemental

examinations in the fourth year.

16 Only students who are awarded a second class (second division) grade or better in their B.A.I. examinations along with an overall combined result of at least second class (second division) grade or better in both their third and fourth year annual examinations are eligible to proceed to the fifth year of the course. For the purposes of calculating eligibility to progress to the MAI and for calculating the contribution towards the BAI degree award, in the event that supplemental examinations are taken in the Junior Sophister year, all components contributing towards the overall supplemental mark will be capped at 40%. Students are permitted one repeat of the fourth year to achieve the grade required to proceed to the fifth year of the course.

17 Students who do not obtain credit for the year owing to their failure to comply with the requirements under section I, §6 above, are not permitted to repeat the year except at the discretion of the Court of First Appeal. Students repeating any year do not retain credits gained in the previous year.

18 Students who have not passed in its entirety any examination within eighteen months from the date on which they first became eligible for it are reported to the University Council as unsatisfactory students, with a recommendation for their exclusion from the course.

19 Students are required to make a serious attempt at their examinations. Students who have not made a serious attempt at the examinations will normally be refused permission to take supplemental examinations or to repeat the year and will be recommended for exclusion.

20 Students who are absent from an examination, or examinations, must furnish the Senior Lecturer, through their tutor, with an acceptable reason for their absence. Students who have been absent from an examination and have not presented the Senior Lecturer with an appropriate explanation will normally be refused permission to take supplemental examinations or to repeat the year.

21 Successful candidates at the B.A.I. degree examinations are placed within three classes: first class honors, second class honors (with two divisions, first and second) and third class honors. Except by special recommendation of the court of examiners, honors are awarded on the results of a weighted combination of a student's annual third year examinations and their first attempt at the annual B.A.I. examinations, taken together but with the third year examinations not contributing more than 20 per cent to the combined mark.

Students who fail to pass the B.A.I. degree examination of their year may present themselves for re-examination at the examination in the following year. Students who successfully complete these examinations receive a result of pass.

22 Successful candidates at the M.A.I. examinations are awarded the degree of M.A.I. (St.) or of M.A.I. (St.) with distinction. Except by special recommendation of the court of examiners, the M.A.I. (St.) degree is awarded on the results of a student's annual fifth year M.A.I. examinations only. A distinction shall require at least 70 per cent in both the examinations and the dissertation and at least 70 per cent in the final credit-weighted average mark.

Students who fail to pass the M.A.I. degree examination of their year may present themselves for re-examination at the examination in the following year.

23 Exemption from these requirements may be granted in exceptional circumstances after written application has been made by the student to the Court of First Appeal.

#### *Conferring of degrees*

24 Students who exit the course having obtained credit for years one to four are entitled to the degrees of B.A. and B.A.I.<sup>12</sup> Students who have obtained credit for the fifth year are entitled to the degrees of B.A., B.A.I. and M.A.I. (St.)<sup>12</sup>. The degrees in each instance must be conferred at the same Commencements.

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<sup>12</sup>The practice of awarding the concurrent degree of ordinary B.A. is under review.

Students who complete the third year by examination and who choose not to proceed to or fail to complete satisfactorily the fourth year of the engineering course may elect to be conferred with the ordinary degree of B.A.

Except by special permission of the University Council, on the recommendation of the Executive Committee of the School of Engineering, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### DEGREES IN ENGINEERING WITH MANAGEMENT (B.Sc. (Ing.) and M.A.I. (St.))

25 Students complete a four-year course leading to a B.Sc. (Ing.) degree, and may elect to complete an additional year of study leading to a M.A.I. (St.) degree, see §16. There is provision for an abridgement of the course to three years, see section I, §5.

26 Following completion of the fourth year of the engineering with management degree course, eligible students may elect to complete one further year of study leading to a M.A.I. (St.) degree, see §16.

27 Students who successfully complete the third year of their engineering with management course in Trinity College Dublin and meet the selection criteria may enrol on the 'double diploma' programme run jointly with the Institut National des Sciences Appliquées (I.N.S.A.) de Lyon. Selected candidates are admitted to the third year of the engineering course in I.N.S.A. de Lyon and take modules amounting to 60 credits from relevant third and fourth year curricula. This academic year is recognised as being equivalent to the fourth/B.Sc. (Ing.) year and, on its successful completion, students return to Trinity College Dublin to satisfactorily complete the fifth year of the M.A.I. degree course. Such students are eligible to be awarded with the B.Sc. (Ing.) and M.A.I. (St.) degrees. Subsequent to this students proceed directly to the fifth year of the engineering course in I.N.S.A. de Lyon returning to the department of their option to take a set of approved modules amounting to 60 credits. Upon successful completion of this additional year, students are eligible to be conferred with the Diplôme d'Ingénieur de l'I.N.S.A. de Lyon.

A similar arrangement exists for engineering students of the I.N.S.A. de Lyon whereby suitably qualified candidates are admitted to the third year of the Trinity College Dublin engineering course and complete two years here taking modules from the engineering with management course. Following successful completion of these two years in Trinity College Dublin students are eligible to be awarded the B.Sc. (Ing.) degree. Such students return to the department of their option in I.N.S.A. de Lyon to satisfactorily complete the fifth year of their home course and to receive the Diplôme d'Ingénieur de l'I.N.S.A. de Lyon.

28 A number of additional options to study abroad with approved partner institutions are available as an integrated part of the teaching programme for students following the M.A.I. course. These options may be taken in the fourth year and include Erasmus, UNITECH (as a paid industrial partnership) and CLUSTER. Full details of available options are available from the Course Director and the website.

29 Students are encouraged to gain relevant industrial experience during vacation periods. Formal project internships with approved industry partners may also be available as an integrated part of the teaching programme for students following the M.A.I. course. This option may be taken in the fourth year.

#### *Syllabus*

##### **30 Year 1**

Students take mandatory modules amounting to 60 credits.

1MEMS1	Introduction to manufacturing (5 credits)
1MEMS4	Introduction to computing (5 credits)
ST1004	Introduction to management science (10 credits)
1E1	Engineering mathematics I (5 credits)
1E2	Engineering mathematics II (5 credits)



- 1E4 Physics (5 credits)
- 1E5 Chemistry (5 credits)
- 1E6 Electrical engineering (5 credits)
- 1E7 Mechanics (5 credits)
- 1E10 Engineering design II: project (10 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

### 31 Year 2

Students take mandatory modules amounting to 60 credits.

- 2MEMS2 Finance (5 credits)
- 2MEMS3 Design I (5 credits)
- 2MEMS4 Materials (5 credits)
- 2MEMS7 Manufacturing technology (5 credits)
- 2MEMS10 Manufacturing engineering design (10 credits)
- 2E1 Engineering mathematics III (5 credits)
- 2E2 Engineering mathematics IV (5 credits)
- 2E4 Solids and structures (5 credits)
- 2E5 Thermo-fluids (5 credits)
- 2E6 Electronics (5 credits)
- 2E11 Numerical methods (5 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

### 32 Year 3

Students take admissible combinations of modules amounting to 60 credits:

- 3MEMS1 Manufacturing technology II (5 credits)
- 3MEMS3 Design II (10 credits)
- 3MEMS5 Operations and project management (5 credits)
- 3MEMS6 Communications and people management (5 credits)
- 3B1 Thermodynamics (5 credits)
- 3B2 Fluid mechanics (5 credits)
- 3B3 Mechanics of solids (5 credits)
- 3B4 Mechanical engineering materials (5 credits)
- 3B5 Mechanics of machines (5 credits)
- 3B6 Mechatronics (instrumentation and control) (5 credits)
- 3E2 Numerical methods (5 credits)
- 3E3 Probability and statistics (5 credits)
- 3BIO1 Anatomy and physiology (5 credits)
- 3BIO2 Biomedical design project (10 credits)
- ST3005 Information systems (5 credits)
- ST3010 Applied forecasting (5 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

### 33 Year 4

Students take admissible combinations of modules amounting to 60 credits. Students follow one of three modes of study involving courses and project work in College (mode 1), a project-based internship (mode 2), or an international academic exchange (mode 3), comprising admissible combinations of the following:<sup>13</sup>

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<sup>13</sup>The general regulations with respect to the timing of academic exchanges in final year apply.

3A8	Geology for engineers (5 credits)
4MEMS1	Engineering project (15 credits)
4MEMS2	Advanced manufacturing (5 credits)
4MEMS3	Supply chain management (5 credits)
4MEMS4	Operations strategy (5 credits)
4MEMS5	Micro and precision manufacturing (5 credits)
4MEMS6	Thermodynamics (5 credits)
4MEMS7	Fluid mechanics (5 credits)
4E4	Engineering with management project internship (30 credits)
4E5	Innovation in product development (20 credits)
4E6	Robotic design (10 credits)
4A8	Transportation (5 credits)
4B1	Mechanics of solids (5 credits)
4B2	Forensic materials engineering (5 credits)
4B7	Computer aided design (5 credits)
4B9	Mechatronics and systems (5 credits)
4B10	Instrumentation and experimental techniques (5 credits)
4B11	Engineering vibrations (5 credits)
4B12	Acoustics (5 credits)
4B17	Multibody dynamics (5 credits)
4B19	Biomechanics (5 credits)
4B20	Biomaterials (5 credits)
4BIO1	Cell and molecular biology (5 credits)
CS4052	Computer graphics (5 credits)
CS4053	Computer vision (5 credits)
ST2351/2352	Probability and theoretical statistics (10 credits)
ST3001	Software applications 3 (10 credits)
ST3011	Multivariate linear analysis (MLA) (5 credits)
ST4004	Management science in practice (10 credits)
ST4500	Strategic information systems (10 credits)
BU4580A	Managing new product development (10 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

### 34 Year 5

In the fifth year of the course all students complete mandatory and optional modules (30 credits), a mandatory engineering research project (25 credits) and an associated module in research methods (5 credits).

5E1	Engineering research project (25 credits)
5E2	Research methods (5 credits)
5MEMS1	Micro and precision manufacturing (5 credits)
5MEMS5	Thermodynamics (5 credits)
5MEMS6	Heat transfer (5 credits)
5MEMS7	Risk management and safety assessment systems (5 credits)
C1	Renewable energy I (5 credits)
C2	Renewable energy II (5 credits)
T1	Transportation (5 credits)
5B1	Flow induced vibration and fluid structure interaction (5 credits)
5B2	Advanced materials (5 credits)
5B3	Advanced thermodynamics (5 credits)
5B5	Human factors (5 credits)
5BIO1	Medical devices (10 credits)

5BIO2	Advanced tissue mechanics and mechanobiology (5 credits)
5BIO3	Tissue engineering (5 credits)
5BIO6	Neural signal analysis (5 credits)
5BIO7	Injury biomechanics and musculoskeletal dynamics (5 credits)
CS7004	Embedded systems (5 credits)
CS7032	Artificial intelligence (5 credits)
ST3451	Applied linear statistical models I (5 credits)
ST3452	Applied linear statistical models II (5 credits)
ST3453	Stochastic models in space and time I (5 credits)
ST3454	Stochastic models in space and time II (5 credits)
ST3455	Modern statistical methods I (5 credits)
ST3456	Modern statistical methods II (5 credits)
ST3457	Statistical inference I (5 credits)
ST3458	Statistical inference II (5 credits)
ST4003	Data analytics (5 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

#### *Examinations*

35 As §§13-20 above but with specific reference to the B.Sc. (Ing.) instead of the B.A.I. degree in §16.

36 Successful candidates at the B.Sc. (Ing.) degree examinations are placed within three classes: first class honors, second class honors (with two divisions, first and second) and third class honors. Except by special recommendation of the court of examiners, honors are awarded on the results of a weighted combination of a student's annual third year examinations and subsequent annual B.Sc. (Ing.) examinations, taken together but with the third year examinations not contributing more than 20 per cent to the combined mark.

Students who fail to pass the B.Sc. (Ing.) degree examination of their year may present themselves for re-examination at the examination in the following year. Students who successfully complete these examinations receive a result of pass.

37 Successful candidates at the M.A.I. examinations are awarded the degree of M.A.I. (St.) or of M.A.I. (St.) with distinction. Except by special recommendation of the court of examiners, the M.A.I. (St.) degree is awarded on the results of a student's annual fifth year M.A.I. examinations only. A distinction shall require at least 70 per cent in both the examinations and the dissertation and at least 70 per cent in the final credit-weighted average mark.

Students who fail to pass the M.A.I. degree examination of their year may present themselves for re-examination at the examination in the following year.

38 Exemption from these requirements may be granted in exceptional circumstances after written application has been made by the student to the Court of First Appeal.

#### *Conferring of degrees*

39 Students who have obtained credit for years one to four are entitled to the degree of B.Sc. (Ing.). Students who have obtained credit for the fifth year are additionally entitled to the degree of M.A.I. (St.). All degrees must be conferred at the same Commencements.

Students who complete the third year by examination and who choose not to proceed to or fail to complete satisfactorily the fourth year of the engineering with management course may elect to be conferred with the ordinary degree of B.A.

Except by special permission of the University Council, on the recommendation of the Executive Committee of the School of Engineering, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

#### IV SCHOOL OF MATHEMATICS

1 The School of Mathematics offers a degree course in mathematics in which students can select, particularly in the Sophister years, combinations of modules chosen from various areas; these include pure mathematics, applied mathematics, theoretical physics, computing and statistics.

2 The School of Mathematics in conjunction with the School of Physics offers a degree course in theoretical physics. This is an integrated programme of study consisting of lectures and tutorials in mathematics and physics together with experimental work in physics.

3 Mathematics may also be studied as a component of a two-subject moderatorship course in combination with one of several other subjects.

#### *Fees*

4 See COLLEGE CHARGES.

#### *Rowe Fund Library*

5 Members of the Dublin University Mathematical Society have the use of a mathematical library in the society's rooms in addition to the College library.

#### MODERATORSHIP IN MATHEMATICS

6 In each of the Freshman years students take modules providing a total of 60 credits with modules providing 30 credits taken in each teaching term in accordance with regulations published prior to the commencement of the academic year in the course handbook and on the website of the School of Mathematics. The majority of modules in the Freshman curriculum are mandatory.

In the Junior Freshman year students take mandatory modules in areas of calculus, real analysis, linear algebra, group theory, mechanics, statistics and computer programming. In the Senior Freshman year students take mandatory modules in areas of real and complex analysis, metric spaces, abstract algebra, differential equations and mathematical methods, together with optional modules provided in areas of pure mathematics, mechanics, probability and statistics. In each of the two teaching terms of the Senior Freshman year students may include in their choice of modules a module with 5 credits, subject to agreement, available from any school in College.

Modules offered by other schools are subject to the agreement of the school concerned and the course director for the moderatorship in mathematics. This understanding applies to the availability of modules offered by other schools to students in any year of the course.

Each of these modules is assessed by means of continuous assessment and/or papers set at the annual examination held in the Trinity term.

7 In the Junior Sophister year, students take modules providing a total of 60 credits. At most 10 credits should be accounted for by modules at the intermediate level (5 credits per term), with the remainder at advanced level. In addition to modules in statistics and economics listed in §17 below, students may apply to the course director to take other modules provided by schools in College other than the School of Mathematics. Subject to the agreement of both schools concerned and prerequisites, modules with an appropriate mathematical content or significant relation to applications of mathematics may be taken (up to at most 20 credits, 10 per term). Modules which are not related to mathematics, Broad Curriculum or language modules, may also be taken (up to at most 10 credits, 5 per term) subject to agreement.

In the Senior Sophister year, students take modules at the advanced level providing a total of 60 credits, which should normally include a project (module MA4492). In addition to modules in statistics and economics listed in §17 below, and subject to the agreement of both schools concerned and prerequisites, students may take modules provided by schools in College other than the School of Mathematics with an appropriate mathematical content or significant relation to applications of mathematics (up to at most 20 credits, 10 per term). Projects in the Senior Sophister year (module MA4492) must be approved and undertaken in accordance with

regulations established by the School of Mathematics. Projects should be completed and submitted three weeks before the end of Hilary term and subject to a subsequent *viva voce* presentation held before the end of Hilary term.

In all years students should make their choice of modules in accordance with the course requirements published by the School of Mathematics before the commencement of the academic year. The Director of Teaching and Learning (Undergraduate) may permit certain module combinations that are not expressly provided for in these published course requirements, provided that the resulting choice of modules accords with the objectives of the moderatorship course. Certain combinations of modules may not be available due to timetabling constraints.

8 Results for examinations and assessments are published according to the following grades: I = 70-100, II<sub>1</sub> = 60-69, II<sub>2</sub> = 50-59, III = 40-49, F<sub>1</sub> = 30-39, F<sub>2</sub> = 0-29. In order to pass, a mark of at least 40 per cent is required.

To pass each of the Freshman years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). Junior and Senior Freshman students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components as required by the School of Mathematics during the supplemental examination period at the beginning of Michaelmas term.

To pass each of the Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits either by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 40 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. Compensation will be permitted in modules totalling a maximum of 20 credits provided that a minimum mark of 30 per cent has been attained in any failed module(s). Further, passing by aggregation will be permitted if a mark of less than 30 per cent has been achieved in a module or modules carrying up to a maximum of 10 credits provided that a mark of at least 30 per cent has been achieved in any remaining failed module(s).

Students who pass the Junior Sophister annual examinations may have the ordinary B.A. degree conferred if they do not choose to proceed to the Senior Sophister year. Except by special permission of the University Council, the ordinary degree of B.A. may be conferred only on candidates who have spent three years in the University.

The examinations of the two Sophister years count equally towards the overall mark for moderatorship.

Students who fail to reach moderatorship standard in their Senior Sophister year will be awarded an ordinary B.A. degree.

#### *Mathematics, statistics and computing*

9 Students with a strong interest in studying statistics or computing from a mathematical point of view may do so within the moderatorship course in mathematics. In addition to modules in statistics provided expressly for the mathematics moderatorship, and also available to students of mathematics in the two-subject moderatorship, several other modules provided by the School of Computer Science and Statistics are open to mathematics students. Thus, students of mathematics have the option of choosing modules on a broad range of mathematical topics.

#### *Repetition of year in mathematics*

10 Students may apply for permission, or may be required, to repeat an academic year as provided under general College regulations. Students are not allowed to repeat a year if they have obtained an overall mark of 29 per cent or lower for the year.

## MODERATORSHIP IN THEORETICAL PHYSICS

11 In each of the Freshman years students must take modules providing a total of 60 credits in accordance with regulations published prior to the commencement of the academic year in the course handbook and on the websites of the Schools of Mathematics and Physics. Modules are assessed by means of continuous assessment, laboratory work, and/or papers set at the annual examination held in the Trinity term.

In the Junior Freshman year students take 20 credits of physics modules covering material on special relativity, waves, astronomy, properties of matter, electromagnetic interactions and modern physics. Students also attend experimental/computational laboratory sessions and tutorials. In mathematics students take 40 credits of modules covering material in calculus, real analysis, linear algebra, mechanics, and computer programming.

In the Senior Freshman year students take physics modules for 20 credits involving lectures on oscillations, optics, electricity and magnetism, thermodynamics, chaos and complexity, nuclear physics, quantum physics, and astronomy. Each of these modules include practicals with set experiments, computational exercises and group study projects. In mathematics, students take modules for 40 credits on analytical mechanics, group theory, real and complex analysis, and mathematical methods.

12 In the Junior Sophister year, students take advanced level mathematics modules, including mandatory modules in quantum mechanics, classical electrodynamics and statistical physics, that together provide a total of 30 credits. In physics, students take modules totalling 30 credits including lectures on condensed matter physics, atomic and nuclear physics, a choice of either astrophysics or computational physics and a practical module of 10 credits including advanced experiments and a component covering communication skills and career development.

In the Senior Sophister year, students follow a similar course choosing from a range of advanced mathematics modules, including options involving significant independent research. In physics, students take mandatory modules on high energy physics, condensed matter theory, electron and photon physics and can choose from optional modules covering nanoscience, cosmology, computer simulation and advanced topics in physics. Students also take a practical physics module of 10 credits combining a component of problem-solving and a research project. Students take a mandatory 25 core credits in both physics and mathematics, the balance of 10 credits is chosen from optional modules within either subject.

13 Results for examinations and assessments are published according to the following grades: I = 70-100, II<sub>1</sub> = 60-69, II<sub>2</sub> = 50-59, III = 40-49, F<sub>1</sub> = 30-39, F<sub>2</sub> = 0-29. In order to pass, a mark of at least 40 per cent is required.

To pass each of the Freshman years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). Junior and Senior Freshman students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components as required by the School of Mathematics and the School of Physics during the supplemental examination period at the beginning of Michaelmas term.

To pass each of the Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits either by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 40 credits in addition to achieving a 40 per cent (grade III) credit-weighted average for the year. Compensation will be permitted in modules totalling a maximum of 20 credits provided that a minimum mark of 30 per cent has been attained in any failed module(s). Further, passing by

aggregation will be permitted if a mark of less than 30 per cent has been achieved in a module or modules carrying up to a maximum of 10 credits provided that a mark of at least 30 per cent has been achieved in any remaining failed module(s). There are no supplemental examinations in the Sophister years.

To qualify to proceed to moderatorship, Junior Sophister students must achieve an overall credit-weighted average mark of at least 45 per cent for the year. Students who achieve an overall mark of 35 per cent or higher, and do not qualify to proceed to moderatorship, can, as provided under general College regulations, repeat the Junior Sophister year in order to improve their performance.

Students who pass the Junior Sophister annual examinations may have the ordinary B.A. degree conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year. Except by special permission of the University Council, the ordinary degree of B.A. may be conferred only on candidates who have spent three years in the University.

The mark for moderatorship is based on the results of both Sophister years, weighted with 35 per cent allocated to the Junior Sophister modules and 65 per cent for the Senior Sophister modules.

Students who fail to reach moderatorship standard in their Senior Sophister year will be awarded an ordinary B.A. degree.

#### *Repetition of year in theoretical physics*

14 Students may apply for permission, or may be required, to repeat an academic year as provided under general College regulations. Students are not allowed to repeat a year if they have obtained an overall mark of 34 per cent or lower for the year.

#### *Transfer of course*

15 Students may apply through their tutor to transfer from the honor course in theoretical physics to the honor course in mathematics not later than the end of the Junior Sophister year.

Sophister students in theoretical physics may apply through their tutor to transfer to the honor course in physics (see COURSES IN SCIENCE, section V), not later than the beginning of the Senior Sophister year.

Each request to transfer is considered by the heads of school concerned, who then make recommendations to the Senior Lecturer. All transfers are subject to general College regulations (see GENERAL REGULATIONS AND INFORMATION).

### TWO-SUBJECT MODERATORSHIP COURSES

16 Students may combine mathematics with economics, philosophy, geography and a range of arts subjects in a two-subject moderatorship course. For details see TWO-SUBJECT MODERATORSHIP COURSES.

#### *Modules*

17 The principal prerequisites are indicated following the module names. Students lacking prerequisites for a module must obtain prior permission of the course director to take the module.

#### *Introductory level*

	PREREQUISITES
MA1111 Linear algebra I (5 credits)	
MA1212 Linear algebra II (5 credits)	MA1111
MA1214 Introduction to group theory (5 credits)	MA1111
MA1123 Analysis on the real line I (10 credits)	
MA1124 Analysis on the real line II (5 credits)	MA1123
MA1132 Advanced calculus (5 credits)	
MA1241 Mechanics I (5 credits)	

MA1242	Mechanics II (5 credits)	MA1241
ST1251	Introduction to statistics I (5 credits)	
ST1252	Introduction to statistics II (5 credits)	ST1251
MA1264	Introduction to programming in C/C++ (5 credits)	

*Intermediate level*

	PREREQUISITES	
MA2215	Fields, rings and modules (5 credits)	MA1214
MA2316	Introduction to number theory (5 credits)	MA2215
MA2321	Analysis in several real variables (5 credits)	MA1212, MA1123, MA1132
MA2322	Calculus on manifolds (5 credits)	MA2321
MA2223	Metric spaces (5 credits)	MA1124
MA2224	Lebesgue integral (5 credits)	MA2223
MA2325	Complex analysis I (5 credits)	MA1123, MA1132
MA2326	Ordinary differential equations (5 credits)	MA1212, MA2223
MA2331	Equations of mathematical physics I (5 credits)	MA1132
MA2332	Equations of mathematical physics II (5 credits)	MA2331
MA2341	Advanced classical mechanics I (5 credits)	MA1242
MA2342	Advanced classical mechanics II (5 credits)	MA2341
ST2351	Probability and theoretical statistics I (5 credits)	ST1252
ST2352	Probability and theoretical statistics II (5 credits)	ST1252

*Advanced modules*

In any given year, the advanced modules available to students, and the constraints imposed on the choice of modules, are published by the School of Mathematics before the commencement of the academic year. The modules provided by the School of Mathematics will include a selection from the following list (and may also include modules not listed here):

	PREREQUISITES	
MA3411	Galois theory (5 credits)	
MA3412	Commutative algebra (5 credits)	
MA3416	Group representations (5 credits)	
MA3421	Functional analysis I (5 credits)	
MA3422	Functional analysis II (5 credits)	MA3421
MA3423	Topics in complex analysis I (5 credits)	
MA3424	Topics in complex analysis II (5 credits)	MA3423
MA3425	Partial differential equations I (5 credits)	
MA3426	Partial differential equations II (5 credits)	MA3425
MA3427	Covering maps and fundamental groups (5 credits)	
MA3428	Homology theory (5 credits)	
MA3429	Differential geometry I (5 credits)	MA2322
MA3431	Classical field theory I (5 credits)	
MA3432	Classical field theory II (5 credits)	MA3431
MA3441	Quantum mechanics I (5 credits)	MA2342
MA3442	Quantum mechanics II (5 credits)	MA3441
MA3443	Statistical physics I (5 credits)	
MA3444	Statistical physics II (5 credits)	MA3445
MA4445	Quantum field theory I (5 credits)	MA3442, MA3444
MA4446	Quantum field theory II (5 credits)	MA4445
MA4448	General relativity (5 credits)	MA2342, MA3429, MA3432
MA3461	Computational geometry and computer graphics (5 credits)	
MA3463	Computation theory and logic I (5 credits)	
MA3464	Computation theory and logic II (5 credits)	MA3463
MA3466	Information theory (5 credits)	



- MA346F Practical numerical simulations
- MA3484 Methods of mathematical economics (5 credits)
- MA4491 Research assignment (5 credits)
- MA4492 Project (10 credits) (This module is for Senior Sophister students only.)

#### *Statistics modules*

The following advanced level modules are provided by the School of Computer Science and Statistics.

		PREREQUISITES
ST3451	Applied linear statistical models I (5 credits)	ST2352
ST3452	Applied linear statistical models II (5 credits)	ST3451
ST3453	Stochastic models in space and time I (5 credits)	ST2352
ST3454	Stochastic models in space and time II (5 credits)	ST3453
ST3455	Modern statistical methods I (5 credits)	ST2352
ST3456	Modern statistical methods II (5 credits)	ST3455
ST3457	Statistical inference I (5 credits)	ST2352
ST3458	Statistical inference II (5 credits)	ST3457

Additional modules on statistics and also modules on computer science provided by the School of Computer Science and Statistics are also available within the mathematics moderatorship and the mathematics component of the two-subject moderatorship.

### V COURSES IN SCIENCE

#### REGULATIONS<sup>14</sup>

##### *Fees*

1 See COLLEGE CHARGES.

#### MODERATORSHIP IN SCIENCE

2 The moderatorship in science is available in each of the following subjects:<sup>15</sup> biochemistry, chemistry, environmental sciences, functional biology – the comparative physiology of organisms, genetics, geography, geology, immunology, microbiology, molecular medicine, neuroscience, physics, physics and astrophysics, physiology, plant sciences and zoology.

3 Theoretical physics, taught jointly by the Schools of Mathematics and Physics, is available as a separate moderatorship degree course. See SCHOOL OF MATHEMATICS, section IV, §11.

4 Separate moderatorship courses are available in earth sciences (see §§27-29 below), human genetics (see §§30-35 below), chemistry with molecular modelling (see §§36-39 below), medicinal chemistry (see §§40-44 below), nanoscience, physics and chemistry of advanced materials (see §§45-49 below) and political science and geography (see §50 below).

5 The Freshman modules are intended to provide both a training in general science and an introduction to the moderatorship subject. In the Junior Sophister year students will work primarily in the moderatorship subject but may take a selection of related modules offered by other schools or departments. All students wishing to proceed to moderatorship in any one of the subjects specified in §2 above are required to complete satisfactorily the Freshman modules in science except by decision of the Science Course Director.<sup>16</sup>

<sup>14</sup>These regulations should be read in conjunction with GENERAL FACULTY REGULATIONS and GENERAL REGULATIONS AND INFORMATION.

<sup>15</sup>For moderatorship in biochemistry, immunology, microbiology, molecular medicine, neuroscience and physiology for medical and dental students, see §10.

<sup>16</sup>See also section I, §5 'Abridgement of course'.

The ECTS value of each year of the course is 60 credits.

6 All students admitted are given an opportunity to discuss their choice of subjects with their tutor or a member of the academic staff at the Junior Freshman orientation session and they are advised to visit their tutor before registration. Students may only proceed to the Sophister subjects for which the Junior and Senior Freshman modules selected are an adequate preparation. Junior Freshman students wishing to change their combination of modules must request the permission of the Science Course Director not later than the end of the third week of Michaelmas teaching term.

7 Junior Freshman students must give notice to the Science Course Director, not later than the end of Hilary term, of their choice of Senior Freshman modules for the forthcoming year.

8 Senior Freshman students must give notice to the Science Course Director, not later than the end of Hilary term, of their choice of Junior Sophister subject(s) for the forthcoming year. Requests for transfer from the subjects notified after this date will only be considered in exceptional circumstances and if the necessary places are available.

9 Students should be aware that their choice of Junior and Senior Freshman subjects/modules can affect their choice of moderatorship.

#### *Moderatorship for dental and medical students*

10 Dental or medical students who have completed their Junior Sophister year may apply to the Science Course Director for permission to take a moderatorship in biochemistry, immunology, microbiology, molecular medicine, neuroscience or physiology. All applications must be made by the last day of Hilary term. See SCHOOL OF DENTAL SCIENCE and SCHOOL OF MEDICINE.

#### *Attendance and course work*

11 Students must attend for appropriate academic instruction in each term of each academic year and must satisfy the head or heads of school or department concerned as to their academic progress in each term in order to proceed with their year; see GENERAL REGULATIONS AND INFORMATION. The faculty may from time to time draw up regulations determining the required attendance of students at the various forms of instruction.

#### *Field courses*

12 Students taking environmental sciences, functional biology, geography, geology, plant sciences or zoology are required to attend field courses.

The charges for field courses are in addition to the normal annual College fees. The charges vary from year to year and between the different departments. Students intending to take a subject requiring attendance at field courses will be informed by the School concerned regarding the courses planned and the costs involved.

13

#### *Modules*

### **Junior Freshmen**

Students choose modules from the following to a total of 60 credits as appropriate (see Table I – MODERATORSHIP PREREQUISITES):

- BY1101 Molecular and cellular biology (10 credits)
- BY1102 Evolution, biodiversity and environment (10 credits)
- CH1101 General and physical chemistry (10 credits)
- CH1102 Introduction to systematic, inorganic and organic chemistry (10 credits)
- GG1021 Introduction to geography I: physical (10 credits)
- GG1022 Introduction to geography II: environmental geography (10 credits)
- GL1101 Geology (10 credits)
- MA1S11 Mathematics – semester 1 (10 credits)
- MA1S12 Mathematics – semester 2 (10 credits)

- MA1M01 Mathematical methods (10 credits)
- PY1P10 Physics – semester 1 (10 credits)
- PY1P20 Physics – semester 2 (10 credits)
- PY1F01 Foundation physics for the life and earth sciences

### Senior Freshmen

Students choose modules from the following to a total of 60 credits as appropriate (see Table I – MODERATORSHIP PREREQUISITES):

- BY2201 Cell structure and function (5 credits)
- BY2202 Vertebrate form and function (5 credits)
- BY2203 Metabolism (5 credits)
- BY2204 Evolution (5 credits)
- BY2205 Microbiology (5 credits)
- BY2206 Ecosystem biology and global change (5 credits)
- BY2207 Behaviour (5 credits)
- BY2208 Genetics (5 credits)
- BY2209 Infection and immunity (5 credits)
- BY2210 Agriculture, environment and biotechnology (5 credits)
- CH2201 Chemistry 1 (10 credits)
- CH2202 Chemistry 2 (10 credits)
- GG2024 Physical geography – changing environments (10 credits)
- GG2025 Human geography – changing worlds (10 credits)
- GL2205 The dynamic Earth 1: rocks and evolution (10 credits)
- GL2206 The dynamic Earth 2: structure and microscopy (10 credits)
- MA22S1 Multivariable calculus for science (5 credits)
- MA22S2 Vector calculus for science (5 credits)
- MA22S3 Fourier analysis for science (5 credits)
- MA22S4 Mechanics (5 credits)
- MA22S6 Numerical and data analysis (5 credits)
- PY2P10 Classical physics (10 credits)
- PY2P20 Modern physics (10 credits)

### Junior Sophisters

One moderatorship subject is selected from the following to a total of 60 credits:

- Biochemistry
- Chemistry
- Environmental sciences
- Functional biology
- Genetics
- Geography
- Geology
- Immunology
- Microbiology
- Molecular medicine
- Neuroscience
- Physics
- Physics and astrophysics
- Physiology
- Plant sciences
- Zoology

14 Each moderatorship subject requires the satisfactory completion of certain Junior Freshman and Senior Freshman modules (see Table I). The specific combinations chosen by

individual students will depend upon personal subject preference, moderatorship aspirations and school academic background (see also §17).

15

**TABLE I — MODERATORSHIP PREREQUISITES**

<b>Moderatorship</b>	<b>Senior Freshman</b>	<b>Junior Freshman</b>
Biochemistry <sup>17</sup>	BY2201, BY2203, BY2205, BY2208	CH1101, CH1102, MA1S11 or MA1M01
Chemistry	CH2201, CH2202	CH1101, CH1102, MA1S11 or MA1M01
Environmental sciences	Four of the following: BY2201, BY2202, BY2203, BY2204, BY2205, BY2206, BY2207, BY2208, BY2209, BY2210	BY1101, BY1102
Functional biology	BY2201, BY2202, BY2203, BY2208	BY1101, BY1102, MA1S11 or MA1M01
Genetics	BY2201, BY2203, BY2205, BY2208	BY1101, CH1101, CH1102, MA1S11 or MA1M01
Geography	GG2024, GG2025	GG1021 or GG1022
Geology	GL2205, GL2206	GL1101
Immunology <sup>18</sup>	BY2201, BY2203, BY2205, BY2208	CH1101, CH1102, MA1S11 or MA1M01
Microbiology	BY2201, BY2203, BY2205, BY2208	BY1101, CH1101, CH1102, MA1S11 or MA1M01
Molecular medicine <sup>18</sup>	BY2201, BY2203, BY2205, BY2208	CH1101, CH1102, MA1S11 or MA1M01
Neuroscience <sup>19</sup>	BY2201, BY2202, BY2203, BY2208	CH1101, CH1102, MA1S11 or MA1M01
Physics	PY2P10, PY2P20, MA22S1, MA22S2, MA22S3, MA22S4	PY1P10, PY1P20, MA1S11, MA1S12
Physics and astrophysics	PY2P10, PY2P20, MA22S1, MA22S2, MA22S3, MA22S4	PY1P10, PY1P20, MA1S11, MA1S12
Physiology <sup>19</sup>	BY2201, BY2202, BY2203, BY2208	MA1S11 or MA1M01
Plant sciences	Four of the following: BY2201, BY2202, BY2203, BY2204, BY2205, BY2206, BY2207, BY2208, BY2209, BY2210	BY1101 or BY1102
Zoology	BY2201, BY2202, BY2203, BY2208	BY1101, BY1102, MA1S11 or MA1M01

<sup>17</sup> Junior Freshman BY1101 is advisable.

<sup>18</sup> Junior Freshman BY1101 is advisable.

<sup>19</sup> Junior Freshman BY1101 and BY1102 are advisable.

16 After the publication of Senior Freshman examination results each year, all successful students are offered moderatorship places. Admission to each moderatorship may be limited by a quota established annually by reference to the teaching resources available to each school or department. To be qualified for a given moderatorship, students must have completed satisfactorily both Freshman years and must have read the stated prerequisite modules as set out in Table I for any moderatorship for which they wish to be considered. Students who have not completed the prerequisites for a given moderatorship may still be considered for that moderatorship if places are available.

17 Advice on how to choose appropriate Freshman module combinations for the various moderatorships is given in the document '*Science TR071, Junior Freshman programme 2015-16*' or on the science course website: <http://www.tcd.ie/Science/undergraduate/>.

#### *Annual examinations*

18 Students must sit their annual examinations, which are held in the Trinity term, and must complete all other assessment components, as required. Junior and Senior Freshman students who have failed in the annual examinations must take a supplemental examination at the beginning of Michaelmas term. An expanded form of the following regulations giving further details of compensation requirements and other matters is available on request at the Science Course Office.

19 To gain a pass in each of the Freshman years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass outright modules totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). Junior and Senior Freshman students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent (grade III) by taking such assessment components, as required, during the supplemental examination period at the beginning of Michaelmas term.

Students who do not qualify to rise with their year and whose overall average mark is 35 per cent or higher, either in the annual or the supplemental examination can, as provided under general College regulations, repeat their year in order to improve their performance.

20 To pass the Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits either by (a) passing all modules outright or (b) passing by compensation or aggregation. Whether passing by compensation or aggregation students must pass outright modules totalling at least 40 credits in addition to achieving a 40 per cent (grade III) credit-weighted average, or higher, for the year. Compensation will be permitted in modules totalling a maximum of 20 credits provided that a minimum mark of 30 per cent has been attained in any failed module(s). Further, passing by aggregation will be permitted if a mark of less than 30 per cent has been achieved in a module or modules carrying up to a maximum of 10 credits provided that a mark of at least 30 per cent has been achieved in any remaining failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation or aggregation permitted in either Sophister year. There are no supplemental examinations in the Sophister years.

To qualify to proceed to the Senior Sophister year, students sitting the Junior Sophister examination must achieve an overall credit-weighted average mark of 45 per cent or higher in the overall examination.

Students who achieve an overall mark of 35 per cent or higher, but who do not qualify to proceed to moderatorship, can, as provided under general College regulations, repeat the Junior Sophister year in order to improve their performance.

21 Students whose overall mark is 34 per cent or lower in their annual examinations and supplemental examinations (if applicable) are not permitted to repeat their year and must withdraw from science.

*Ordinary degree of B.A.*

22 Students who pass the Junior Sophister annual examinations may have the ordinary B.A. degree conferred if they do not choose, or are not allowed, to proceed to the Senior Sophister year. Students who fail the Senior Sophister year will be awarded the ordinary B.A. degree. Except by special permission of the University Council, on the recommendation of the Science Course Director, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

*Moderatorship examination*

23 The Junior and Senior Sophister examinations constitute part I and part II of the moderatorship examination. There are no supplemental examinations. Students unavoidably absent from the moderatorship examination in their final year may apply to the Senior Lecturer to present themselves for the moderatorship examination in the following year. If students are permitted by the Senior Lecturer to do so, without having to repeat lectures or classes, they must give notice by consulting with their school, department/discipline or course office before the end of Michaelmas term to confirm their examination and/or assessment requirements while off-books.

24 Various forms of teaching and learning are a feature of the Sophister years and formal lectures will not necessarily be given in every term.

25 The scheme of distribution of marks between papers and practical work at the moderatorship examination will be published by individual schools or departments/disciplines.

26 The final moderatorship result is calculated by aggregating the Junior and Senior Sophister examination results as per Table II.

**TABLE II — CALCULATION OF MODERATORSHIP RESULTS**

<b>Moderatorship</b>	
Biochemistry	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Chemistry	Junior Sophister 35 per cent, Senior Sophister 65 per cent
Environmental sciences	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Functional biology	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Genetics	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Geography	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Geology	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Immunology	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Microbiology	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Molecular medicine	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Neuroscience	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Physics	Junior Sophister 35 per cent, Senior Sophister 65 per cent
Physics and astrophysics	Junior Sophister 35 per cent, Senior Sophister 65 per cent
Physiology	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Plant sciences	Junior Sophister 20 per cent, Senior Sophister 80 per cent
Zoology	Junior Sophister 20 per cent, Senior Sophister 80 per cent

## *Subjects/modules*

### **Junior Freshmen**

#### BIOLOGY

Two 10 credit modules are offered in biology which together provide students with a broad based training in the fundamentals of modern biology. They offer a comprehensive introduction to molecular and cellular biology; genetics; developmental biology; the biology of microorganisms; animal and plant diversity, form and function; and ecology. A practical skills programme supports both modules.

BY1101 Introduction to molecular and cellular biology

BY1102 Evolution, biodiversity and environment

#### CHEMISTRY

The modules provide a general introduction to the fundamentals of modern chemistry, and form the basis for further studies, both in chemistry and in other sciences. There are two chemistry modules: CH1101 (general and physical chemistry; 10 credits) and CH1102 (introduction to systematic inorganic and organic chemistry; 10 credits). CH1101 includes stoichiometry, atomic structure, principles of bonding, the periodic table and periodicity, solid state chemistry, important chemical reactions, gas laws, thermodynamics, solutions, acid-base equilibria, kinetics and electrochemistry. CH1102 deals with aspects of main-group and coordination chemistry, and of aliphatic and aromatic functional group organic chemistry. CH1101 is a prerequisite for CH1102.

#### GEOGRAPHY

Students must have taken GG1021 or GG1022 to take Senior Freshman geography. Two 10 credit modules in geography are offered in the Junior Freshman year: GG1021 introduction to geography 1 (physical geography) and GG1022 introduction to geography 2 (environmental geography). Students may take either or both of these modules.

Introduction to geography 1 (physical geography) includes a consideration of the overall setting of planet Earth within the solar system and its tectonics; global atmospheric and oceanic processes, climate change, surface processes of landscape development; Irish landscapes and soil development. The module is examined by a combination of written examination and course work.

The introduction to geography 2 (environmental geography) module will introduce key concepts relating to nature, culture and environment, and interactions between humans and their environment, using case studies from the fields of conservation, environmental degradation and environmental hazards. The module is examined by a combination of written examination and course work.

#### GEOLOGY

The geology module involves a series of lectures which explore the origin and evolution of the Earth, the organisms that live on it and the resources that it provides. Linked to the lectures are a series of tutorials and two half-day field trips which give 'hands-on' experience of rocks, minerals and fossils. Progress is assessed by multiple choice theory tests and tutorial assignments and by an end of year examination.

#### MATHEMATICS

The mathematics modules MA1S11 and MA1S12 provide a basic mathematical training suitable for all branches of science. Topics covered include calculus; partial derivatives; linear algebra; introduction to differential equations; introduction to computing; introduction to probability and statistics; sample applications to scientific problems.

## MATHEMATICAL METHODS

(For students not reading mathematics as above)

This module MA1M01 consists of (a) an introduction to computing and (b) a foundation in mathematics including the following topics: simple arithmetical and algebraic manipulations; functions; graphs; differentiation, emphasising its geometric interpretation; maxima and minima; integration; simple differential equations; matrices and linear equations.

## PHYSICS

Tuition will consist of lectures, practicals and tutorials in physics at introductory level. The semester 1 module PY1P10 includes lectures on mechanics, waves and astronomy. The semester 2 module PY1P20 includes lectures on electricity and magnetism, quantum physics and numerical methods. Each of these 10 credit modules includes practicals with set experiments and computational exercises. This tuition may only be taken by students reading Junior Freshman mathematics modules MA1S11 and MA1S12.

## FOUNDATION PHYSICS FOR THE LIFE AND EARTH SCIENCES

Tuition is given in a single 10 credit module, PY1F01, in semester 2 and will consist of lectures, practicals and tutorials in physics at introductory level, adapted for students wishing to progress to a moderatorship in the earth or life sciences. Lectures are given on physics of motion, biomechanics, physics of hearing and seeing, electricity and magnetism and bioelectricity, radioactivity, nuclear physics and related medical applications, heat, pressure and fluids and their biological, geological and medical applications. Practical include set experiments. This tuition may only be taken by students reading Junior Freshman mathematical methods or mathematics and may not be taken by students taking PY1P10 and PY1P20.

## Senior Freshmen

### BIOLOGY

Ten 5 credit modules are offered in biology which build on the material covered in the Junior Freshman year and provide a foundation for advanced studies in the Sophister life sciences subjects. Students may select up to eight of these modules, as appropriate.

- BY2201 Cell structure and function
- BY2202 Vertebrate form and function
- BY2203 Metabolism (prerequisite BY2201)
- BY2204 Evolution
- BY2205 Microbiology
- BY2206 Ecosystem biology and global change
- BY2207 Behaviour
- BY2208 Genetics
- BY2209 Infection and immunity (prerequisites BY2201, BY2205)
- BY2210 Agriculture, environment and biotechnology

### CHEMISTRY

The modules provide a broad intermediate level overview of modern chemistry, and form the basis for further studies at Sophister level, both in chemistry and in other sciences. There are two 10 credit chemistry modules: CH2201 and CH2202. Lectures are complemented by laboratory work. In addition, students will participate in a team-based activity that will involve a research and presentation exercise on some aspect of chemistry. The modules include core material in physical, inorganic and organic chemistry, and elements of computational, materials and biological/medicinal chemistry.



## GEOGRAPHY

Students must take two 10 credit geography modules in the Senior Freshman year. Building on knowledge acquired in the Junior Freshman year, topics covered at Senior Freshman level within the context of a changing earth include investigations of the atmosphere and oceans; earth surface form and processes; distributions of species and development, including its environmental aspects. Learning and research skills and an understanding of key concepts in geography are also developed in the Senior Freshman year through a module dealing with the collection and analysis of geographical information, including remotely sensed satellite data that are in digital form. Practical and fieldwork skills are also developed during the Senior Freshman year.

## GEOLOGY

The two 10 credit Senior Freshman geology modules provide a foundation of knowledge about the Earth for further studies at Sophister level, in geology and other sciences. The modules reinforce the concept of a dynamic Earth and consist of lectures and practical work as well as field excursions. An array of expertise will be acquired, including palaeontology, mineralogy, and petrography. Students will be equipped with the skills to describe and interpret minerals and rocks, extract information from geological maps, and will get hands-on experience with polarised light microscopy. In addition, an overnight field excursion is held in first semester and a residential field course is held in second semester. These field courses are very strongly recommended for prospective geology Sophister students.

## MATHEMATICS

These modules are a continuation of the topics introduced in Junior Freshman mathematics modules MA1S11 and MA1S12. Modules MA22S1 and MA22S3 are offered in the Michaelmas term, with modules MA22S2, MA22S4 and MA22S6 in the Hilary term. MA22S4 and MA22S6 cannot be taken simultaneously.

MA22S1 Multivariable calculus for science (5 credits, prerequisites MA1S11, MA1S12)

Vector-valued functions; functions of several variables; line integrals; multiple integrals

MA22S2 Vector calculus for science (5 credits, prerequisites MA1S11, MA1S12, MA22S1, MA22S3)

Surface integrals, theorems of Green, Gauss and Stokes; partial differential equations

MA22S3 Fourier analysis for science (5 credits, prerequisites MA1S11, MA1S12)

Linear algebra; Fourier series; ordinary differential equations; special functions

MA22S4 Mechanics (5 credits, prerequisites MA1S11, MA1S12, MA22S1, MA22S3)

Motion under a central force; work and energy; rotating frames; Lagrangian mechanics

MA22S6 Numerical and data analysis (5 credits, prerequisites MA1M01 or MA1S12)

Numerical linear algebra; mathematical statistics; biological applications

## PHYSICS

Tuition will consist of lectures, practicals and tutorials in physics at intermediate level. The module PY2P10 (classical physics) includes lectures on oscillations, optics, current electricity and thermodynamics. The module PY2P20 (modern physics) includes lectures on special relativity, nuclear physics, quantum physics, and astronomy. Each of these 10 credit modules include practicals with set experiments, computational exercises and group study projects. This tuition may only be taken by students taking the mathematics modules: MA22S1, MA22S2, MA22S3 and MA22S4.

### **Sophister courses**

Sophister courses in science are organised so that students follow a continuous programme of study over two years leading to a moderatorship in a particular subject. Students will be required to take modules carrying sixty credits in each year.

A '*Sophister course programme*' is published annually and is available to students in Hilary

term each year from the Science Course Office.

#### BIOCHEMISTRY

Biochemistry is a moderatorship course offered by the School of Biochemistry and Immunology. The focus is on understanding how living cells function at a molecular and cellular level. It encompasses a wide range of topics such as cancer biology, stem cell biology, immunology, neurobiology, developmental biology and drug discovery. The Junior Sophister year consists of a varied programme of lectures, practicals, tutorials and a mini-review of the literature on a chosen topic. In the Senior Sophister year, students spend a number of weeks in one of the research laboratories in the new Biomedical Sciences Institute where they conduct state-of-the-art research in areas such as cancer, obesity, aging, neurobiology, nutrition, parasitology and biotechnology. Modules are updated regularly and lecture content summaries are published annually. The School of Biochemistry and Immunology has formed extensive links through the ERASMUS, TEMPUS and other European Union programmes which offer opportunities for students to spend a period of their course, usually in the third year, studying in a university in the United Kingdom, Western or Eastern Europe. Assistance and advice in future careers is also offered.

#### CHEMISTRY

Junior Sophisters take modules in organic, inorganic, physical, analytical and biological/polymer chemistry. Further topics, including computational and medicinal chemistry may be provided in an option module. The modules provided cover topics such as organic mechanisms and synthetic methods, heterocyclics, organometallic C-C couplings, pericyclic reactions, organoheteroatom chemistry, physical organic chemistry, retrosynthesis, bio-organic chemistry including natural products, amino acids and peptides, organic and inorganic polymers, group theory, spectroscopy and other physical methods, quantum chemistry and statistical mechanics, advanced thermodynamics and kinetics, coordination chemistry, solid state chemistry, structural inorganic chemistry and related characterisation techniques, properties of soft matter, bio-inorganic chemistry, organometallics, catalysis and surface chemistry, electrochemistry, analytical chemistry, metal compounds in the environment, drug design and clusters. Lectures are complemented by practical classes in inorganic, organic, physical and computational chemistry; advanced preparative methods and instrumental techniques, including computer-controlled equipment are introduced.

In the Senior Sophister year the core modules take some of these topics to a more advanced level. A wide range of optional topics is provided including interdisciplinary topics. A list of topics available in any year can be provided by the school. The practical component in the Senior Sophister year is an extended research project during the Michaelmas term, which may be carried out in an advanced industrial laboratory or in an approved academic laboratory in another country. Students are also required to carry out course work, which may include one or more essays, written communications, seminars, or oral and poster presentations.

#### ENVIRONMENTAL SCIENCES

Environmental sciences is a multidisciplinary subject which focuses on understanding and mitigating the impact of human populations on natural systems and processes. This requires the integration of physical and life sciences, engineering, economics and social sciences. The moderatorship course at Trinity College Dublin adopts this multidisciplinary ethos. The course is delivered through the collaboration of all disciplines in the School of Natural Sciences (Botany, Geography, Geology, and Zoology), the School of Engineering and participating disciplines through the Broad Curriculum syllabus. Teaching is research led with students in the final year carrying out an extensive research project. Courses in the Junior and Senior Sophister years consist of lectures, seminars and practical classes in the broad areas of ecology, environmental governance, analytical chemistry, hydrology, conservation and wildlife management and geographical information systems. Emphasis in the moderatorship is on the student acquiring laboratory and field skills. Field study is a core component of the environmental sciences

programme. The course includes two field courses in the Junior Sophister (third) year based in Ireland, with two additional optional courses on offer that take place in the Canary Islands (for Junior Sophisters) and Kenya (for Senior Sophisters).

#### FUNCTIONAL BIOLOGY – THE COMPARATIVE PHYSIOLOGY OF ORGANISMS

Functional Biology is run jointly by staff from Botany and Zoology disciplines in the School of Natural Sciences with additional input from Genetics and Neuroscience. The course focuses on the comparative physiology of organisms in the context of their evolutionary histories. It is a research led subject integrating with the research interests of staff in the School of Natural Sciences primarily within the molecular and comparative physiology interdisciplinary research activity. The course is built around specific themes including: perception, movement, energy, and structure (in the context of evolution). Modules focus on the comparative physiological mechanisms by which animals and plants have evolved and respond to both their internal and external environments. The course concentrates on comparing important physiological phenomena across both animal and plant species, thereby identifying key principles that could not be revealed by the study of individual model organisms alone. Junior Sophister modules comprise tutorials: current issues in functional biology; comparative physiology; plant physiology; plant molecular biology; developmental biology; parasitology; experimental design and analysis; neurogenetics/*Drosophila*; eukaryotic molecular biology; special essay (functional biology and society) and Broad Curriculum. Senior Sophister modules comprise of the research project; research comprehension; plant molecular genetics; plant developmental genetics; neurodevelopment and *Drosophila* and a choice of advanced modules in developmental biology, parasitology, eyes and vision and plant tutorials.

#### GENETICS

The teaching and research activities of the Genetics Department are in the areas of molecular, human, population and quantitative genetics and evolution. The Junior Sophister modules are designed to prepare for, and to introduce, advanced material from these and other related areas of genetics. Central genetics modules cover the basic processes of inheritance and gene expression, and genome structure and evolution, in man and other animals, plants, bacteria and viruses. The modules in molecular genetics depend heavily on the theory and techniques of genetic engineering while those in molecular evolution, population and quantitative genetics introduce students to computing and computer programming. The department arranges for Junior Sophister students to spend part of the long vacation working in genetics research laboratories abroad, usually in the United States, supported by the American Ireland Fund.

The Senior Sophister course allows students to choose modules relevant to their interests. All carry out a research project in association with one of the research groups in the department. There is a wide choice from molecular evolution, plant and animal development, human genetics and molecular genetics. The possible combinations and emphases are according to the aims of the students; the department believes that maximum realisation of aptitudes is primarily determined by motivation.

About 75 per cent of genetics graduates go on to study for higher degrees and careers in research. The course is designed so that a student who will not necessarily seek a research career will have attained experience in widely useful techniques which lead to interesting careers. For example those in molecular genetics would know many biochemical, bacterial, virological and genetic engineering techniques, while those in population or quantitative genetics would be competent computer programmers, familiar with a wide range of applied genetics as well as basic genetics. Students who take modules related to human genetics will have particular knowledge of medical genetics, the genetic basis of cancer (oncogenetics), diagnostic genetics and genetic counselling.

## GEOGRAPHY

Geography in the two Sophister years constitutes a progressive course that builds on work covered in earlier years, the aim being to produce graduates who, while having a firm grounding in geography, are also equipped with a range of subject-specific and transferable skills. Sophister years students in geography may take up to 20 credits over the course of two years of non-geography modules. This may include Broad Curriculum cross-faculty modules or language modules which are worth 5 credits each. The Junior Sophister year comprises some compulsory core modules (see the current Geography Undergraduate Course Handbook for information) and optional core modules covering various aspects of human, environmental and physical geography. Students may be required to undertake fieldwork as part of the advanced research methods module. Opportunities exist for Junior Sophister students to spend all or part of the year in a European university under the ERASMUS scheme. In the Senior Sophister year students must undertake a dissertation which is assessed as part of the final examination and is an important feature of the degree. A satisfactory research proposal must be devised during the Junior Sophister year, with the final dissertation being submitted towards the end of the first semester of the Senior Sophister year. Core optional modules in the Senior Sophister year cover topics such as environmental change, environmental conflicts, historical geography, geomorphology, development, urban and economic geography. Choices in any particular year may be limited by the availability of staff and timetable constraints.

Assessment is by a combination of work carried out during the year and by end of year examinations held in Trinity term. Details of examinations in the Freshman and Sophister years are available from the Geography website and course handbook; methods and the breakdown of assessments vary from module to module. Modules are assessed through a variety of means, including essays, group and individual project work, on-line assessments, oral presentations and written examinations, subject to §20 under TWO-SUBJECT MODERATORSHIP COURSES.

## GEOLOGY

Modern geology is a dynamic science, which, in its broadest sense, aims at understanding the solid Earth, its interaction with the oceans and the atmosphere as well as the mineral and energy resources that provide for modern, highly developed society. The moderatorship prepares students for the many career opportunities in geology and provides training in both transferable and subject specific skills.

The Junior Sophister year consists of modules involving lectures and practical work that introduce the major branches and skills of the geological sciences. This includes in-depth training with the polarising light microscope and skills to interpret a variety of geological data. Junior Sophister students attend at least two major field classes away from Dublin, during which students learn the craft of geological mapping and data acquisition.

Senior Sophister students attend a set of core modules in geology that further deepen the understanding in the most critical aspects of geological interpretation. They also choose from a range of optional modules, some of which may be delivered by other schools or departments. Training of field skills is deepened with additional field classes. Senior Sophisters undertake an independent project which is the subject of their dissertation.

Students wishing to read geology are very strongly recommended to attend the residential field courses in Senior Freshman year.

## IMMUNOLOGY

Students may opt to take a moderatorship in immunology offered by the School of Biochemistry and Immunology. The immunology modules in the Junior Sophister year are core concepts in immunology and immunology and disease (including bacterial, viral and parasitic diseases, autoimmune diseases, allergy and asthma, cancer and transplantation). In the Junior Sophister year there are also immunology practicals, tutorials and exercises, as well as some modules in microbiology. There is the possibility of a summer internship in research laboratories worldwide and some of our students have the opportunity to study abroad for a year as part of

the ERASMUS scheme. In the Senior Sophister year, students carry out an immunology research project based in one of the independent research laboratories within the school. Modules are updated regularly and lecture content summaries are published annually. Lectures in immunology in the final year include viral evasion strategies, cytokine signalling, clinical immunology, neuroimmunology, vaccines and innate and adaptive immunity in disease. Other topics covered include apoptosis and cancer. Assistance and advice in future careers is offered.

#### MICROBIOLOGY

Microbiology is the branch of biological science that deals with microorganisms – bacteria, protozoa, fungi (moulds and yeasts), and viruses. Microbiology is central to modern biomedical science, the agri-food industry and to studies of the environment. It is also an emerging force in bioenergy and systems biology. Students are given an introduction to the microbial sciences in their Freshman microbiology modules before specialising in microbiology in the Sophister years. The Junior and Senior Sophister modules comprise lectures, laboratory practical classes, tutorials, seminars and research essays in three broad areas of microbiology over two years – (i) microbial pathogenicity, (ii) molecular and cellular microbiology, and (iii) applied and environmental microbiology. Junior Sophister students also take additional teaching in genetics, biochemistry and immunology. Many students are placed in laboratories in Ireland or abroad between Junior and Senior Sophister years in order to develop laboratory skills and give exposure to research. In the Senior Sophister year, the year's work is divided between three compulsory (core) topics under these headings and 8-9 optional specialist topics from which students normally choose four. Topics covered in depth include: prokaryotic and eukaryotic genome structure; regulation of gene expression in prokaryotes and eukaryotes; DNA and RNA structure; cell surface structure; interactions of bacterial, viral, protozoal and fungal pathogens with their hosts; virology and cancer; design and development of antimicrobial drugs; vaccinology; clinical microbiology; applied aspects of microbiology, including biotechnology; current national and international legislation and standards relating to microbiology. Senior Sophister students join one of the research groups in microbiology where they carry out their own research project. A degree in microbiology provides an outstanding education in the areas of biomedical science and molecular and cellular biology for a range of employment in hospital laboratories, public health laboratories, biotech. and pharmaceutical industries, food, dairy and brewing industries, scientific civil service, water industry, education, publishing, technical sales, services and marketing, and management. Many microbiology graduates go on to earn higher (including doctoral) degrees leading to research careers in universities, research institutes or industry.

#### MOLECULAR MEDICINE

Molecular medicine is a moderatorship run jointly by the School of Biochemistry and Immunology and the School of Medicine. This option has been introduced to recognise the revolutionary advances in disease diagnosis, therapy and prevention brought about by bio-molecular research and aims to demonstrate how basic science is translated into clinical treatment. In the Junior Sophister year students are introduced to core aspects of biochemistry (protein chemistry, membrane and cell biology, eukaryotic gene structure and expression, immunology) and varied topics related to molecular medicine (diagnostics and therapeutics, drug absorption and metabolism and clinical aspects of cancer and infection). In the Junior Sophister year there are also practicals, tutorials and a mini-review of the literature on a chosen topic. In the Senior Sophister year students will be required to choose a research project in either of the schools. Lectures in the Senior Sophister year are divided equally between St James's Hospital and the main campus. Topics include innate and adaptive immunity, immunodeficiency, autoimmunity and inflammation, neuroscience and endocrinology, microbial diseases, molecular haematology and oncology, diagnostics and therapeutics, cell cycle and cancer. Assistance and advice in future careers is offered.

## NEUROSCIENCE

Neuroscience is a discipline devoted to the scientific study of the nervous system in health and disease, and is at the interface between neurobiology and cognitive science. It includes study of the nature and functioning of the nervous system at all levels, from the molecules that make up individual nerve cells, to the complexities of how behaviour, thoughts and emotions are produced. Neuroscience is a multidisciplinary area of investigation that makes use of a variety of methods and investigations from a wide range of traditional disciplines. Consequently the Junior and Senior Sophister neuroscience curricula are comprised of relevant modules contributed by schools in the Faculties of Health Sciences, Engineering, Mathematics and Science, and Arts, Humanities and Social Sciences. In addition to taking specialist modules in neuroscience, students will gain valuable experience in skills that are important for a general scientific training such as data handling, biostatistics, experimental design, computing, scientific writing, oral communication skills, and critical analysis of scientific papers. An important component of the Senior Sophister year is a major research project that will be carried out in one of the several neuroscience research groups across campus, including those contributing to the Trinity College Institute of Neuroscience. The research project will be preceded by a literature review and will lead to a dissertation. The goal of this degree is to provide students with a well-balanced and integrated knowledge of neuroscience, and to highlight the progress and intellectual challenges in this discipline.

## PHYSICS

Tuition will consist of lectures, practical work, tutorials and seminars in advanced physics as follows:

Junior Sophister modules of 5 credits each include PY3P01 quantum mechanics I, PY3P02 electromagnetic interactions I, PY3P03 condensed matter I, PY3P04 condensed matter II, PY3P05 atomic and nuclear physics, PY3P06 dynamical systems, PY3P07 experimental techniques, PY3A03 stellar and galactic structure. The PY3PP1 practical module of 20 credits combines set experiments of an advanced nature with a component of communication skills and career development.

Senior Sophister modules of 5 credits each include PY4P01 quantum mechanics II, PY4P02 high energy physics, PY4P03 condensed matter III, PY4P04 nanoscience, PY4P05 electromagnetic interactions II, PY4P06 modern optics, PY4P07 advanced topics in physics. The PY4PP1 practical module of 25 credits combines a component of problem-solving and an extended research project.

## PHYSICS AND ASTROPHYSICS

Tuition will consist of lectures, practical work, tutorials and seminars in advanced physics, with emphasis on astrophysics as follows:

Junior Sophister modules of 5 credits each include PY3P01 quantum mechanics I, PY3P02 electromagnetic interactions I, PY3P03 condensed matter I, PY3P05 atomic and nuclear physics, PY3C01 computer simulation I, PY3A03 stellar and galactic structure, PY3A06 statistical thermodynamics and astrophysical spectroscopy, PY3A07 experimental techniques for astrophysics. The PY3AP1 practical module of 20 credits combines general set experiments of an advanced nature, a component of communication skills and career development, and specialist computer training.

Senior Sophister modules of 5 credits each include PY4P01 quantum mechanics II, PY4P02 high energy physics, PY4P05 electromagnetic interactions II, PY4P06 modern optics, PY4C01 computer simulation III, PY4A03 planetary and space science, PY4A05 cosmology. The PY4AP1 practical module of 25 credits combines a component of problem-solving and an extended research project in physics or astrophysics.

## PHYSIOLOGY

Physiology is the study of how cells work, how they co-operate in organs like the heart or brain and how the operation of these organs is integrated. The moderatorship in physiology provides students with an in-depth understanding of mammalian body function from the molecular level to that of the whole organism, with especial emphasis on human physiology in health and disease.

To be eligible to enter the physiology moderatorship, students must have successfully completed the prerequisite Senior Freshman modules, which provide an introduction to the nervous (brain and spinal cord), cardiovascular (blood circulation), respiratory (lungs), gastrointestinal (digestion), excretory (kidneys) and endocrine (hormones) systems, as well as fundamentals of biochemistry and genetics. The Sophister years build on this introduction to provide a detailed functional understanding of cells and of organ systems, together with training in scientific methodology, experimental design and data analysis. Areas of physiology which reflect major research interests of the department include cell physiology, neuroscience and exercise physiology.

During the second half of the Senior Sophister year, each student undertakes an individual research project preceded by a literature survey and resulting in a written dissertation. These projects may be based within the department or with an associated research group within one of the affiliated teaching hospitals. Assessment in the Sophister course is by a combination of in-course evaluation and formal examination. Final assessment at the end of the Senior Sophister year includes *viva voce* examination by an external examiner.

Further details of the structure of the Sophister years and research options and information on typical career opportunities for physiology graduates are available on the website <http://www.medicine.tcd.ie/Physiology/>.

## PLANT SCIENCES<sup>20</sup>

Teaching in plant sciences is research led and focuses on the areas of ecology, systematics and conservation and whole plant physiology. Extensive use is made of the notable departmental herbarium and the College Botanic Garden. In the Junior Sophister year, subject to resources being available, one of the field courses will take place in the Canary Islands. The moderatorship aims to produce graduates equipped with a range of subject-specific and transferable skills. The Sophister years use a mixture of lectures, tutorials, seminars given by visiting speakers and practical classes, including fieldwork, to deliver an integrated, up-to-date course in plant biology. This includes, in the Senior Sophister year, the production of a dissertation based on a research project.

Junior Sophisters take modules in plant physiology, plant diversity and systematics, environmental dynamics, fundamentals of ecology, statistics and experimental design, plant molecular biology, as well as attending workshops and tutorials, two field courses and ecology and evolution seminars. There is a strong practical element in most of the modules. In the Junior Sophister year students may choose a Broad Curriculum module.

Senior Sophisters take a mix of mandatory and optional modules in environmental physiology, plant community ecology, plant conservation and biodiversity, data analysis, plant-animal interactions, as well as attending workshops and tutorials and ecology and evolution seminars. A research project is carried out under the supervision of one of the academic staff and forms a key element of the honors degree. Senior Sophister students also have the opportunity to take a limited number of Sophister modules offered by other schools and disciplines, including the tropical field trip to Kenya organised by the Department of Zoology.

In most modules, practical notebooks and prescribed exercises form part of the assessment. The workshops and tutorials will be assessed by essays, small project reports, literature reviews, oral presentations and by answers in problem-solving sessions.

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<sup>20</sup>Prior to 2011-12 this Sophister option was called botany.

## ZOOLOGY

Zoology offers Sophister students training in many areas of the biology of animal systems emphasising particularly those aspects that relate to ecology, conservation and wildlife biology, parasitology, marine biology, developmental biology and behaviour. The Junior Sophister course highlights the major concerns of modern zoology and introduces the student to the full range of zoological interests, from the evolutionary origins of biodiversity and ecological system services to the genetic basis of development in embryos. The student is introduced to a wide range of analytical and censusing techniques and to the latest data handling methods. The modules examine the relationship between the form and function of various animal groups, their cell biology, physiology, ecology, parasitology and behaviour. A module on data handling introduces students to modern analytical approaches. Residential marine and terrestrial field courses consolidate this learning in the field, allow direct experience of quantitative habitat assessment and management methods, and facilitate interaction with the living environment.

The Senior Sophister course is largely tutorial-taught. Senior Sophister students choose advanced modules from topics across the range of zoology. They can pursue personal interests by selecting a series of special subject tutorials from the fields of evolution, wildlife biology, ecology, developmental biology and parasitology. They can also elect to go on a field course in Kenya in place of one of these tutorial modules. In addition they complete a research project on a topic selected to coincide with their interests, which makes up a significant part of the Senior Sophister year.

## MODERATORSHIP IN EARTH SCIENCES

27 The direct entry moderatorship course in earth sciences (TR077) mainly comprises modules drawn from the existing moderatorships in geography and in geology. The course also includes a number of Freshman modules from the science (TR071) course in addition to several bespoke modules tailored for earth sciences students. Students in their Senior Freshman year select one module (5 credits) from the Broad Curriculum cross-faculty modules or language modules.

28 The course differs from the moderatorships in geography and geology in its tailored combination of modules that blend the traditional disciplines of geology and physical geography with an array of other physical, chemical and biological sciences to address key issues regarding the functioning of the Earth. The degree is awarded under the regulations of the science course. Students apply specifically to the course TR077 Earth sciences on the C.A.O. form.

29 The earth sciences moderatorship aims to produce graduates with a broad and holistic knowledge of the planet Earth. It emphasises the interconnected nature of the geosphere (rocks and sediments), the hydrosphere (lakes, oceans and ice), the atmosphere (weather and climate) and the biosphere (plants and animals). It seeks to develop an understanding of the processes operating today and in the past, and how this knowledge can inform us about the future.

### *Modules*

#### **Junior Freshmen**

Earth sciences students take introductory modules in geography, geology, physics, chemistry and mathematical methods.

#### **Senior Freshmen**

Earth sciences students take a prescribed programme of foundation modules in physical and human geography, geology and physics. In addition, students undertake a module in geochemistry and participate in a field course. Students are also required to take a single 5 credit module from the Broad Curriculum/language modules.



## Junior Sophisters

Earth sciences students take selected modules from the geography and geology courses in addition to a dedicated research methods module.

## Senior Sophisters

The final earth sciences degree mark will be composed of 20 per cent from the Junior Sophister year and 80 per cent from the Senior Sophister year. Earth sciences students select 40 credits of modules from the final year courses in geography and geology. In addition, they conduct a significant individual research project (15 credits) and participate in an overseas field course (5 credits).

### MODERATORSHIP IN HUMAN GENETICS

30 The moderatorship course in human genetics (TR073) provides students with a strong foundation in biology, mathematics and chemistry, an introduction to major fields of genetics and specialised modules in human genetics.

31 The course differs from the moderatorship in genetics in the obligation to study a particular combination of modules in the four year course and the concentration on human genetics. The degree is awarded under the regulations of the science course. Students apply specifically to the course TR073 Human genetics on the C.A.O. form.

32 Human genetics is a rapidly growing discipline within the subject of genetics. The field has acquired a distinctive body of knowledge and theory and experimental procedures and is presenting major challenges in both research and teaching. It has been revolutionised by the techniques of recombinant DNA (genetic engineering, molecular cloning, genome sequencing, microsatellite markers, polymerase chain reaction, transgenic animals, etc.), and the data emerging from the Human Genome Project. The subject has been stimulated by the explosion in knowledge of medical genetics, especially the molecular basis of many inherited disorders; the explanation of cancer as an acquired genetic disease; the study of molecular evolution (which is telling much about the evolution of man); the study of the history and geography of human genes (linking genetics, anthropology and linguistics), and of ancient DNA (linking genetics and archaeology); the application of DNA fingerprinting to forensic science, and decisions about suitability for employment and insurance (linking genetics to law and business). Substantial problems in ethics have been raised as a result of the studies in human genetics.

33 A tutorial programme in association with relevant College schools and departments and outside authorities where appropriate, extending over the Freshman years of the course, will introduce students to consideration of the philosophical, ethical, social and psychological issues arising from human genetics as well as scientific topics.

34 A student who has taken the specified modules in biology, chemistry and mathematics in the Freshman years in the main science course (TR071) may apply to transfer at the beginning of the Junior Sophister year to the course in human genetics (TR073). Conversely, a student of human genetics (TR073) may apply to transfer at the beginning of the Junior Sophister year to the TR071 course. Applicants will be assessed on the basis of their qualifications at entry, as well as on their academic record in College, and any transfer will be subject to the availability of places.

35 Students must meet the general requirements of the science course in order to rise with their year.

### *Modules*

## Junior Freshmen

Specified modules in biology, chemistry, mathematics, human genetics tutorials

## Senior Freshmen

Specified modules from biology, mathematics (introducing students to mathematical problems in biology), chemistry, human genetics tutorials

## Junior Sophisters

Foundation modules on recombinant DNA, molecular evolution, population genetics, quantitative genetics, bioinformatics, computer programming for genetics, statistics, mutation, DNA replication, gene expression etc. plus a series of modules in other subjects (e.g. neuroscience and development) related to genetics.

## Senior Sophisters

Students take a set of modules in specific aspects of human genetics (e.g. genetics of neural development, neuropsychiatric genetics, cancer genetics, developmental genetics, human evolutionary genetics, genetics of transgenic animals and gene therapy, immunogenetics, genetic diversity, gene expression in higher organisms, prions), carry out a research project and write a review on topics in human genetics. The final human genetics degree mark will be composed of 20 per cent from the Junior Sophister year and 80 per cent from the Senior Sophister year.

### MODERATORSHIP IN CHEMISTRY WITH MOLECULAR MODELLING

36 The moderatorship in chemistry with molecular modelling (TR074) allows students to obtain a core chemistry degree while specialising in the theoretical and applied aspects of molecular modelling, from materials chemistry to computational drug design.

37 The degree is awarded under the regulations of the science course, and prospective students will normally apply specifically to the course TR074 Chemistry with molecular modelling on the C.A.O. form.

38 A student taking the main course in science (TR071) may apply to transfer to the course in chemistry with molecular modelling (TR074). Conversely, a student of chemistry with molecular modelling (TR074) may apply to transfer to the science (TR071) course. Applications will be assessed on the basis of students' qualifications at entry, as well as their academic record in College, and any transfer will be subject to the availability of places.

39 Students must meet the general requirements of the science course in order to rise with their year.

### *Modules*

## Junior Freshmen

Chemistry modules CH1101 and CH1102, mathematics modules MA1S11 and MA1S12 and either physics modules PY1P10 and PY1P20 or biology modules BY1101 and BY1102.

In addition, special lectures will be given on molecular modelling.

## Senior Freshmen

Chemistry modules CH2201 and CH2202, mathematics modules MA22S1, MA22S2 and MA22S3 and either physics modules PY2P10, PY2P20 and mathematics module MA22S4 or biology modules BY2201, BY2203, BY2205, BY2208 and mathematics module MA22S6.

In addition, there will be special lectures on molecular modelling as well as laboratories on computational molecular modelling.

## Junior Sophisters

The core chemistry modules will be taken along with specialist molecular modelling modules and laboratory work. These latter elements will include topics such as computer programming, numerical methods (optimisation and molecular dynamics) and applications, including solid state

chemistry and protein structure. In each case lectures will be accompanied by tutorials and molecular-modelling practical classes.

### **Senior Sophisters**

In addition to core chemistry moderatorship modules, specialist molecular-modelling modules that expand upon topics introduced in the Junior Sophister year will be taken. These will include advanced modules in molecular dynamics, and optimisation and applications including computational drug design and materials chemistry. The practical element of the Senior Sophister year is an extended research project during the Michaelmas term, which may be carried out within the School of Chemistry or in an industrial laboratory or an approved academic laboratory in another country. This project must be related to molecular modelling. Students are also required to make presentations, which may include one or more essays, seminars and posters during the year. The final chemistry with molecular modelling degree mark will be composed of 35 per cent from the Junior Sophister year and 65 per cent from the Senior Sophister year.

### **MODERATORSHIP IN MEDICINAL CHEMISTRY**

40 The moderatorship in medicinal chemistry (TR075) is especially attuned to the development of the creative talent needed by the major enterprise that is the modern pharmaceutical industry, one of the largest and fastest-growing business sectors in the modern world. The medicinal chemistry degree provides a sound general grounding in chemistry but focuses on, and extends into, topics of relevance to the design, synthesis and biological evaluation of new medicinal compounds.

41 The degree is awarded under the regulations of the science course, and prospective students will normally apply specifically to the course TR075 Medicinal chemistry on the C.A.O. form. In certain cases it may be possible for students to transfer from the TR071 science course, as detailed below.

42 A student taking the main chemistry course in science (TR071) may apply to transfer to the course in medicinal chemistry (TR075). Conversely, a student of medicinal chemistry (TR075) may apply to transfer to the TR071 course. Applicants will be assessed on the basis of their qualifications at entry, as well as on their academic record in College, and any transfer will be subject to the availability of places.

43 The medicinal chemistry course for the Freshman years will follow that of the TR071 chemistry course, although additional special sessions will be held for the medicinal chemistry group, involving an introduction to the ideas and techniques of medicinal chemistry. In the Sophister years students will study the more specialised aspects of medicinal chemistry along with modules shared with the TR071 course.

44 Students must meet the general requirements of the science course in order to rise with their year.

### *Modules*

#### **Junior Freshmen**

Medicinal chemistry students will take TR071 chemistry modules CH1101 and CH1102, biology modules BY1101 and BY1102 and mathematics modules MA1S11 and MA1S12. In addition, they will attend special medicinal chemistry tutorials.

#### **Senior Freshmen**

Medicinal chemistry students will take TR071 chemistry modules CH2201 and CH2202, biology modules BY2201, BY2203, BY2205 and BY2208, and the remaining 20 credits from the biology modules BY2202, BY2204, BY2206, BY2207, BY2209, BY2210 or the mathematics modules MA22S1, MA22S2, MA22S3, MA22S4 and MA22S6.

## Junior Sophisters

Medicinal chemistry students will share organic chemistry modules with TR071 students, and will also share some relevant inorganic and physical, analytical and biological/polymer modules. In addition, students will take modules on the principles of medicinal chemistry, pharmacology, microbiology, biochemistry and industrial chemistry. Practical work will cover synthetic organic, inorganic, computational and physical chemistry.

## Senior Sophisters

Medicinal chemistry students will take prescribed organic chemistry units in conjunction with TR071's Senior Sophister chemistry students. In addition, they will take specialised modules in the cardiovascular system and the central nervous system, computational medicinal chemistry, case studies (including influenza treatments and selective COX inhibitors), site-specific drug delivery, combinatorial chemistry and analytical methods. Practical work will consist of a research project, which will be undertaken during Michaelmas term. This will be carried out either in the School of Chemistry in Trinity College, under the supervision of a member of staff or, alternatively, may be carried out in a university chemistry department overseas, or in the laboratories of an industrial concern. The final medicinal chemistry degree mark will be composed of 35 per cent from the Junior Sophister year and 65 per cent from the Senior Sophister year.

### MODERATORSHIP IN NANOSCIENCE, PHYSICS AND CHEMISTRY OF ADVANCED MATERIALS<sup>21</sup>

45 The moderatorship course in nanoscience, physics and chemistry of advanced materials (TR076) allows students to specialise in nanoscience at an advanced level during their undergraduate careers due to the combination of modules and practical experience offered by the Schools of Physics and Chemistry.

46 The course shares many lectures with those given for the moderatorships in chemistry and in physics, and also provides some specialist advanced nanoscience and materials modules with a specifically tailored practical module that emphasises nanoscience. The degree is awarded under the regulations of the science course. Students apply specifically to the course TR076 Nanoscience, physics and chemistry of advanced materials on the C.A.O. form.

47 Nanotechnology is being used to develop smaller and more powerful electronic devices, lasers and other photonic devices, medical diagnostics and materials with new properties. The interdisciplinary nature of the moderatorship in nanoscience, physics and chemistry of advanced materials gives graduates a broad scientific education that is ideal for careers in the nano- and information-technology sectors as well as an excellent starting point for higher degrees in nanomaterials research.

48 A student who has taken mathematics, chemistry and physics in the Freshman years in science (TR071) may apply to transfer to the course in nanoscience, physics and chemistry of advanced materials (TR076). Conversely, a student on the course in nanoscience, physics and chemistry of advanced materials (TR076) may apply to transfer to the TR071 course. Applicants will be assessed on the basis of their qualifications at entry, as well as on their academic record in College, and any transfer will be subject to the availability of places.

49 Students must meet the general requirements of the science course in order to rise with their year.

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<sup>21</sup>Prior to 2011-12 this course was called the Moderatorship in Physics and Chemistry of Advanced Materials.

## *Modules*

### **Junior Freshmen**

Chemistry modules CH1101 and CH1102, mathematics modules MA1S11 and MA1S12 and physics modules PY1N10 and PY1N20. In addition, special tutorials/seminars in nanoscience and advanced materials will be given.

### **Senior Freshmen**

Chemistry modules CH2201 and CH2202, mathematics modules MA22S1, MA22S2, MA22S3 and MA22S4 and physics modules PY2N10, PY2N20. In addition, special tutorials/seminars will be given in nanoscience and advanced materials.

### **Junior Sophisters**

The Junior Sophister year consists of eight modules of 5 credits each and includes lectures on topics such as solid state physics and chemistry, quantum mechanics, lasers, thermodynamics, electrochemistry, macromolecules, spectroscopy, group theory, materials preparation and microelectronic technology. The practical module in the Junior Sophister year (20 credits) introduces students to a wide range of characterisation methods, including those required in nanoscience, and incorporates a component of communication skills and career development.

### **Senior Sophisters**

The Senior Sophister year comprises seven modules of 5 credits each. It concentrates on specific topics, including more advanced solid state physics and chemistry, non-linear optics, materials for electronic and optoelectronic devices, conducting and insulating polymers and metal oxides, superconductivity, surface and interface effects, computer simulation and advanced growth techniques. The practical component (25 credits) of the Senior Sophister year consists of an extended research project during the Michaelmas term, frequently carried out in an advanced industrial laboratory. In addition, the practical component includes a problem-solving module, which will develop a student's problem-solving techniques in physics and chemistry. The final physics and chemistry of advanced materials degree mark will be composed of 35 per cent from the Junior Sophister year and 65 per cent from the Senior Sophister year.

## **MODERATORSHIP IN POLITICAL SCIENCE AND GEOGRAPHY**

50 For details see FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.

## **BACHELOR IN SCIENCE (HUMAN HEALTH AND DISEASE)**

51 For details see FACULTY OF HEALTH SCIENCES.

## ***VI THE STATISTICS AND OPERATIONS RESEARCH LABORATORY***

1 The Statistics and Operations Research Laboratory undertakes the analysis and execution of research projects for departments of the College and also for outside institutions. The laboratory was established to assist in the dissemination and application of statistical and operations research techniques in Ireland.

2 The statistical work of the laboratory is concerned primarily with the collection, analysis and interpretation of data. The tasks of data collection involve statistical problems of design and sampling and computer techniques of data handling. The operations research side of the laboratory's work involves the construction of mathematical models of the particular organisation under investigation. The systems studied are as diverse as breweries, hospitals, airlines and manufacturing industry.

3 The resources of the laboratory are available for use by staff and students from other College departments. It is strongly advisable to seek statistical advice at the initial stage of a project before embarking on the fieldwork.

# Faculty of Health Sciences

## I GENERAL FACULTY REGULATIONS<sup>1</sup>

### *Degrees, diplomas and certificate*

1 The faculty provides courses leading to the following degrees: Bachelor in Arts (B.A.), see §8 below; Bachelor in Dental Science (B.Dent.Sc.), Bachelor in Dental Technology (B.Dent.Tech.), see II below; Bachelor in Medicine (M.B.), Bachelor in Surgery (B.Ch.), Bachelor in Obstetrics (B.A.O.), Bachelor in Science (Occupational Therapy) (B.Sc. (Cur. Occ.)), Bachelor in Science (Physiotherapy) (B.Sc. (Physio.)), Bachelor in Science (Radiation Therapy) (B.Sc. (Ther. Rad.)), Bachelor in Science (Human Nutrition and Dietetics) (B.Sc. (Hum. Nut. & Diet.)), Bachelor in Science (Human Health and Disease) (B.Sc. (Hom. Val.)), Bachelor in Science (Diagnostic Radiography) (B.Sc. (Diagn. Rad.)), see III below; Bachelor in Science (Nursing) (B.Sc. (Cur.)), Bachelor in Science (Midwifery) (B.Sc. (A. Obs.)), Bachelor in Nursing Studies (B.N.S.), Bachelor in Midwifery Studies (B.M.S.), see IV below; Bachelor in Science (Pharmacy) (B.Sc. (Pharm.)), see V below.

The faculty provides a professional diploma in orthodontic therapy and other diploma courses in dental hygiene and dental nursing (see II below).

### *Admission*

2 Applications for admission from E.U. applicants to the courses for these degrees should be made to the Central Applications Office (C.A.O.), Tower House, Eglinton Street, Galway. Applications may be submitted online at <http://www.cao.ie>. Applications from non-E.U. applicants should be submitted online direct to Trinity College Dublin by 1 February of the proposed year of entry except for the Bachelor in Science (Human Nutrition and Dietetics) which should be made to the International Office in the Dublin Institute of Technology.

3 For further information see <https://www.tcd.ie/study/non-eu/undergraduate/>.

4 Applicants must satisfy the admission requirements of the University, together with any special requirements for entry into particular courses in the faculty; see ADMISSION REQUIREMENTS.

### *Students with disabilities*

5 Students with a disability are encouraged to register with the Disability Service to seek supports where the disability could affect their ability to participate fully in all aspects of the course, including clinical and professional placements.

### *Placements*

6 The Faculty of Health Sciences is responsible for educating and training health care workers who will work in areas requiring serious responsibilities and trust. Training includes clinical and other professional practice placements which are often physically, intellectually, emotionally and ethically demanding. In the health sciences the interests of the patient take precedence over those of the practitioner. Students who, for any reason, are unable to safely participate in clinical or other professional placements and, therefore, could cause harm to themselves or to others in such situations, are required to disclose such reasons to the head of school or his/her nominee. The College fitness to practise procedures will be applied where concerns are raised in relation to a student's fitness to participate in clinical or other placements.

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<sup>1</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

### *Garda/police vetting*

7 Students in dental science, dental hygiene, dental nursing, medicine, occupational therapy, physiotherapy, radiation therapy, midwifery, nursing and pharmacy, are required to undergo vetting by the Garda Síochána, through the Garda Central Vetting Unit, or other relevant police force. If, as a result of the outcome of these vetting procedures a student is deemed unsuitable to attend clinical or other professional placements he/she may be required to withdraw from his/her course of study. Further details and procedures are available from the Academic Registry and from relevant school offices.

### *Requirements for the B.A. degree*

8 Students of dental science or medicine may have the ordinary B.A. degree conferred at the Autumn Commencements following the satisfactory completion of their third year, or at the Commencements at which their professional degree is conferred. The ordinary B.A. degree does not carry a license to practise within the professional disciplines of dental science or medicine. Students of pharmacy, occupational therapy, physiotherapy, radiation therapy, midwifery, nursing, children's and general nursing, human health and disease or human nutrition and dietetics who have been successful in their Junior Sophister year may be permitted to graduate with the ordinary B.A. degree if they choose not to complete the degree course. Students of pharmacy, occupational therapy, physiotherapy, radiation therapy, midwifery, nursing, children's and general nursing, human health and disease or human nutrition and dietetics who have been unsuccessful in the examinations of the Senior Sophister year of the B.Sc. degree may nevertheless be allowed the ordinary B.A. degree on their answering in the Senior Sophister examination, provided that a special recommendation to that effect is made by the court of examiners. This provision also applies to students in the final half year of children's and general nursing. Except by permission of the University Council, on the recommendation of the appropriate executive committee, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University. The ordinary B.A. degree does not carry a license to practise within any of the professional disciplines of pharmacy, occupational therapy, physiotherapy, radiation therapy, midwifery, nursing, children's and general nursing or human nutrition and dietetics. Nor does it lead to registration with Bord Altranais agus Cnáimhseachais na hÉireann in the case of midwifery, nursing and children's and general nursing students.

### *Credit for courses*

9 Students should attend lectures regularly and are required to attend practical classes, tutorials, clinics and demonstrations. Students may be required to sign-in for certain activities, as deemed appropriate by the relevant school. When students are absent through illness, a medical certificate should be sent to the appropriate school office at the time of the illness, or immediately afterwards. Students studying physiotherapy and radiation therapy should send the medical certificate to the course director. Students should refer to the requirements on attendance under GENERAL REGULATIONS AND INFORMATION.

### *Transfer of course*

10 Students may apply through their tutor, using the standard form available, to the Senior Lecturer, for permission to transfer to another course; see GENERAL REGULATIONS AND INFORMATION.

### *Foundation scholarship*

11 Students intending to present themselves for this examination should see FOUNDATION SCHOLARSHIPS.

### *Gold medals and prizes*

12 Gold medals are awarded by the Board to candidates who have passed with an overall first class at the final examination and who have shown exceptional merit (see <https://www.tcd.ie/academicregistry/exams/prizes/>).

Various studentships, scholarships, exhibitions, and other prizes are awarded to students on the results of honor and other examinations, provided that sufficient merit is shown. Monetary awards are sent direct to prize-winners unless otherwise stated under the regulations for the particular prize. For details see PRIZES AND OTHER AWARDS (see also MISCELLANEOUS AWARDS).

At the annual examinations a book prize (value under review) is awarded to each candidate obtaining an overall first class honors grade in an honor course. These prizes are not awarded in the Senior Sophister or final year.

These prizes, which are issued in the form of vouchers, can be exchanged by the student at designated booksellers. Book prizes may be collected from the Academic Registry by the award holder in person.

#### *Change of address*

13 Students are required to notify the relevant school office of any change of home or term address. They must also notify the Academic Registry within one week.

#### *New regulations*

14 New regulations and course revisions are introduced only after due notice, but when introduced are binding upon all students.

### *II SCHOOL OF DENTAL SCIENCE*

#### *Fees*

1 See COLLEGE CHARGES.

#### *Exclusion of students*

2 Notwithstanding the provisions of any other regulation, exclusion from the relevant course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Students are advised to note those sections of the course handbooks (see S.5) concerning health and conduct.

Students should note that the teaching hospitals also have regulations governing conduct and the care and protection of patients. Hospitals have the right to suspend and exclude students. In the event of a teaching hospital suspending or excluding a student it may not be possible for students to continue their course in the Dental School.

#### *Courses*

3 A detailed course handbook setting out the teaching programme including the aims and objectives and course assessments will be made available electronically through the Dental School.

Amendments to the teaching programme shall become effective only after approval by the school executive and inclusion in the school copy of the course handbook.

#### *Precautions against infectious diseases*

4 In the interests of reducing the risk of the transmission of infectious disease from patients to students, or students to patients, all new entrants must attend their regular medical practitioner prior to registration to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox.

5 Before being permitted to register, students in dental science, and dental hygiene must produce an acceptable hepatitis B virus infection status result i.e. negative HBsAg and negative HBcAb or in the presence of positive HBsAg, or positive HBcAb, they must demonstrate negative HBeAg and negative HBV-DNA viral load. Students must also produce a negative hepatitis C antibody test result (or if positive, a negative PCR test for hepatitis C RNA). All the above tests must be carried out not more than six months prior to entry. Overseas applicants are advised to



undergo testing in their home country and to forward the result to the Dental School as soon as possible thereafter. The College reserves the right to retest prior to admission. All costs associated with tests for infectious diseases must be met by the student.

6 Students admitted to these courses who are not already deemed to be immune to hepatitis B will be required to undergo a course of vaccinations. Details of vaccination programmes may be obtained on request from the Dental School.

7 Students in dental nursing, dental hygiene and dental technology will not be permitted to commence practical clinical experience until they have completed the course of vaccination.

Counselling for applicants who test positive for chronic carriage of the hepatitis B or hepatitis C virus can be arranged through the College Health Service. Applicants who are chronic viral carriers and who successfully undergo treatment, which renders them no longer an infectious risk to patients, may reapply for admission to their chosen course. All efforts will be made to reserve a place on the forthcoming student intake for such individuals, however this cannot be guaranteed.

8 If Irish law or official guidance in relation to clinical practice in Ireland changes between the date of publication of this documentation and the date of registration of new applicants to these courses, the school reserves the right to require that the requirements introduced by new legislation and/or official guidance be satisfied before registration is permitted.

9 Registered students in dental science, dental hygiene, dental nursing, and dental technology must remain free of any life threatening infectious condition that could be transmitted to a patient or fellow health worker. Such conditions include, but are not limited to, HIV, hepatitis B, hepatitis C, tuberculosis, chickenpox, measles, mumps and rubella. Students who contract contagious diseases or any of the above should advise the Dental School as soon as possible. In the event of a student becoming aware of any of the above conditions they should consult their medical advisor and must refrain from further patient contact until cleared medically.

#### DEGREE OF BACHELOR IN DENTAL SCIENCE (B.Dent.Sc.)

10 The School of Dental Science in association with the Dublin Dental University Hospital offers a five-year course leading to the degree of Bachelor in Dental Science (B.Dent.Sc.). The B.Dent.Sc. degree provides eligibility for full registration in the Register of Dentists for Ireland.

##### *Abridgement of course*

11 Subject to there being vacancies, exemption from the first dental year may be granted to applicants who possess a registrable medical qualification. Applicants with a recognised qualification in veterinary or dental science may also be considered. Applications should be made to the Academic Registry.

##### *Moderatorship for dental students*

12 Dental students may be permitted to present for a moderatorship in science in an approved subject of the course. Applications must be made by the last day of Hilary term to the Science Course Director and to the Director of Teaching and Learning (Undergraduate) in the School of Dental Science. Approval will only be given to candidates with good performances in the second and third years and will be subject to their acceptance by the head of the school or department concerned. Evidence must be presented of satisfactory performance in the course work and examinations of the second and third years.

Biochemistry, immunology, microbiology, molecular medicine, neuroscience and physiology are approved subjects for moderatorship; see FACULTY OF ENGINEERING, MATHEMATICS AND SCIENCE.

##### *Academic progress*

13 In order to obtain credit for each year students are required to obtain a cumulative pass mark in their written assessments, meet the minimum requirements in specified modules, pass

the prescribed competence tests or complete the required portfolio(s) and logbook(s), pass the Trinity term OSCE (objective structured clinical examination) in the third and fourth years, attend satisfactorily and obtain the required levels of credits for their skills laboratory and patient-related clinical activity. All clinical requirements (competences, portfolio(s), logbook(s), clinical credits) must be completed by the end of the academic year.

Assessments are usually held at the end of each term (see relevant course handbook) with the exception of the Trinity term OSCE in the third and fourth years.

Where students fail to achieve a cumulative pass in the written assessments they will be required to take and pass the supplemental examination. Where students fail to pass the Trinity term OSCE in third or fourth year they will be required to take and pass a supplemental OSCE. Where students fail to complete the required level of clinical credits, fail to pass any competence tests or have deficiencies in their portfolio(s) or logbook(s), they will be required to complete clinical credits, pass all competences and complete their portfolio(s) or logbook(s) before the end of the academic year.

In certain cases students who have been off-books for any duration may be required to undertake a professional re-orientation programme before returning to the course.

#### *Repetition of year*

14 Provided that a serious attempt has been made at annual and supplemental examinations, students may be permitted to repeat the year. Special consideration will be given to students who fail the year as a result of exceptional circumstances or illness during the year. Students in this position should explain their circumstances to the Dean of Dental Affairs as soon as possible but not later than the end of June, and should apply through their personal tutor to repeat the year.

Students may not repeat any academic year more than once and may not repeat more than two academic years of the course. Students will not be permitted to repeat both first and second years. Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year and will not, except in exceptional circumstances, be given credit for any module or modules already passed.

#### *Clinical attendance*

15 Students are required to attend modules and clinical instruction for up to forty weeks. Two weeks' vacation will be given, usually at the end of Michaelmas term and at the end of Hilary term and a six-week vacation period will be given during the summer. Students are advised to note GENERAL REGULATIONS AND INFORMATION and the course handbook concerning attendance requirements.

#### *Modules*

16 The ECTS credits for the B.Dent.Sc. course are 300, 60 ECTS per year of the course. Module details can be found in the course handbook.

#### *Final dental examination*

17 To be admitted to the final examination students must have satisfactorily completed their portfolio and logbooks, achieved the required level of clinical credits, attended satisfactorily, submitted their dissertation by the end of Michaelmas term, completed the associated presentation by the end of Hilary term and have achieved the minimum mark in the dissertation.

Students who have not completed these requirements will not be admitted to the annual sitting of the final examination but may proceed to the supplemental examination provided they have satisfactorily completed the prescribed programme of clinical and tutorial sessions. Students in this situation, with the approval of the court of examiners, may be awarded an honors classification in the degree and honors in individual subjects.

Students who attempt the final examination and are unsuccessful in passing all three divisions of the examination must present for a supplemental in each failed division. Should the student fail to pass a supplemental examination in any of the outstanding division(s) they will be required to

present for the final examination again, in all divisions, at the next examination session and in the interim to attend a prescribed programme of clinical and tutorial sessions.

Supplemental examination candidates who are repeating the final dental examination or part thereof are only eligible to be awarded a pass classification and a pass in the division results.

Students must pass all three divisions of the final examination not later than the supplemental session of the year following when they were first eligible to present for the final examination. Exceptions to this regulation will be made only in the case of illness or other exceptional circumstances.

#### DEGREE OF BACHELOR IN DENTAL TECHNOLOGY (B.Dent.Tech.)

18 The School of Dental Science in association with the Dublin Dental University Hospital offers a three-year course leading to the degree of Bachelor in Dental Technology (B.Dent.Tech.). The B.Dent.Tech. degree enables students to acquire the knowledge and competencies required to become a dental laboratory technician.

##### *Modules*

19 The ECTS credits for the B.Dent.Tech are 180, 60 ECTS per year of the course. Module details can be found in the course handbook.

##### *Academic progress*

20 In order to pass the Junior and Senior Freshman years students are required to (i) achieve an overall pass mark in the written assessments; (ii) achieve an overall pass mark in the practical assessments; (iii) attend satisfactorily.

In order to pass the Junior Sophister year students are required to (i) complete the minimum laboratory credits; (ii) achieve a pass mark for the case portfolio; (iii) achieve a pass mark for the dissertation; (iv) attend satisfactorily; (v) achieve a pass mark in the final examination.

##### *Final examination*

21 To be admitted to the final examination students must have (i) 75 per cent (for annual sitting) or 100 per cent (for supplemental sitting) of their laboratory credits completed, (ii) submitted their dissertation by the deadline outlined in the handbook, (iii) completed their case portfolio and (iv) attended satisfactorily.

Students who have not completed these requirements will not be admitted to the final examination but may proceed to the supplemental examination provided they have successfully completed a prescribed programme of laboratory work. Students in this situation, with the approval of the court of examiners, may be awarded a distinction.

Students who fail the final examination will be required to attend a prescribed programme of laboratory work and revise their dissertation, if failed, and sit a supplemental final examination. Students who repeat the final examination or part thereof may not be awarded a distinction.

Students must pass the final examination not later than the supplemental session of the year following when they were first eligible to present for the final examination. Exceptions to this regulation will be made only in the case of illness or other exceptional circumstances.

##### *Repetition of year*

22 Provided that a serious attempt has been made at annual and supplemental examinations, students may be permitted to repeat the year. Special consideration will be given to students who fail the year as a result of exceptional circumstances or illness during the year. Students in this position should explain their circumstances to the Dean of Dental Affairs as soon as possible but not later than the end of June, and should apply through their personal tutor to repeat the year.

Students may not repeat any academic year more than once. Students will not be permitted to repeat both Junior and Senior Freshman years. Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year and will not, except in exceptional circumstances, be given credit for

any module or modules already passed.

## DIPLOMA IN DENTAL HYGIENE

23 The School of Dental Science in association with the Dublin Dental University Hospital offers a two-year Diploma in Dental Hygiene. The course provides eligibility for entry to the Dental Council of Ireland's Register of Dental Hygienists.

### *Modules*

24 The ECTS credits for the Diploma in Dental Hygiene are 120, 60 per year of the course. Module details can be found in the course handbook.

### *Academic progress*

25 In order to pass year 1 students must (i) obtain a cumulative pass mark in their assessments, in accordance with the course handbook; (ii) pass the objective structured clinical examination (OSCE); (iii) complete all the required assignments in the specified time-frame; (iv) obtain the required levels of credits for their skills laboratory and patient-related clinical activity work; (v) attend satisfactorily.

Students may not proceed to clinical practice in the Hilary term of year 1 until they have passed the OSCE. Students who fail to pass the OSCE must take and pass a supplemental OSCE. Students who fail to achieve a cumulative pass mark in the written assessments, in accordance with the course handbook, must take and pass supplemental examinations.

In order to pass year 2 students must pass the final year examination.

### *Final year examination*

26 In order to be admitted to the final year examination students must (i) have achieved a cumulative pass mark in the written assessments, in accordance with the course handbook; (ii) have passed their competence tests within the time-frame set out in the handbook; (iii) have completed the local anaesthetic logbook within the time-frame set out in the handbook; (iv) have met all the requirements of the Certificate in Radiography programme; (v) have submitted their final community project by the date indicated in the handbook; (vi) have attended satisfactorily; (vii) have obtained the required levels of credits for their clinical work.

Where students fail to complete the required level of clinical credits, fail to pass any competence tests or have deficiencies in their portfolio(s) or logbook(s), they will be required to complete clinical credits, pass all competences and complete their portfolio(s) or logbook(s) before the end of the academic year.

Students who have not completed these requirements will not be admitted to the annual sitting of the final examination but may proceed to the supplemental examination, provided they have successfully completed a prescribed programme of clinics and tutorials.

Compensation in the final year examination is permitted at the discretion of the court of examiners and in accordance with the compensation mechanisms outlined in the course handbook.

Students who attempt the final examination and are unsuccessful must present for the supplemental examination. Supplemental examination candidates who are repeating the final examination or part thereof may not be awarded a distinction.

Students must pass all sections of the final examination not later than the supplemental session of the year following when they were first eligible to present for the final examination. Exceptions to this regulation will be made only in the case of illness or other exceptional circumstances.

Students who have not been permitted to enter the final examination or who have failed the final examination will be required to (i) attend a prescribed programme of clinics and tutorials; (ii) sit supplemental examinations if they have not achieved a cumulative pass mark in the Michaelmas and Hilary term assessments, in accordance with the course handbook; (iii) revise their community project if they have achieved a grade of less than 50 per cent. In order to be

admitted to the supplemental final year examination students must have completed all the prerequisite requirements by the end of October.

#### *Repetition of year*

27 Provided that a serious attempt has been made at annual and supplemental examinations, students may be permitted to repeat the year. Special consideration will be given to students who fail the year as a result of exceptional circumstances or illness during the year. Students in this position should explain their circumstances to the Dean of Dental Affairs as soon as possible but not later than the end of June, and should apply through their personal tutor to repeat the year.

Students may not repeat any academic year more than once. Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year and will not, except in exceptional circumstances, be given credit for any module or modules already passed.

### DIPLOMA IN DENTAL NURSING

28 The School of Dental Science in association with the Dublin Dental University Hospital offers a two-year Diploma in Dental Nursing. The course provides eligibility for entry to the Dental Council of Ireland's voluntary register of dental nurses.

#### *Modules*

29 The ECTS credits for the Diploma in Dental Nursing course are 120, 60 ECTS per year of the course. Module details can be found in the course handbook.

#### *Academic progress*

30 In order to pass year 1 students must (i) obtain a pass mark in each of the following assessments: written examinations, OSCE, an oral health project and poster presentation, assignment, continuous clinical assessments, complete and pass the infection prevention control practical competence and basic life support for the healthcare provider (ii) attend the computer skills training course and (iii) have satisfactory levels of clinical attendance.

Where students fail to obtain an overall pass grade, they will be required to pass a supplemental examination in the component that was not completed satisfactorily. Where students have unsatisfactory levels of clinical attendance they must remediate all outstanding clinical sessions during the remedial period. If clinical sessions are not satisfactorily completed during this period, students will not be permitted to rise to the second year and will be required to repeat the year.

In order to pass year 2 students must pass the final year examination.

#### *Final year examination*

31 To be admitted into the final year examination, students must have satisfactorily achieved the appropriate level of clinical attendance for both internal and external clinical placements and successfully completed the continuous clinical assessments and the portfolio of experience. Students who have not completed these requirements will not be admitted to the annual sitting of the final examination but may proceed to the supplemental examination.

The final year examination consists of a written examination, OSCE, a case study written report and a case study oral presentation to include a *viva voce* examination.

Students who attempt the final examination and are unsuccessful must present for the supplemental examination. Supplemental examination candidates who are repeating the final examination or part thereof are not eligible to be awarded a distinction in the diploma.

#### *Repetition of year*

32 Provided that a serious attempt has been made at annual and supplemental examinations, students may be permitted to repeat the year. Special consideration will be given to students who fail the year as a result of exceptional circumstances or illness during the year. Students in this position should explain their circumstances to the Dean of Dental Affairs as soon as possible but

not later than the end of June, and should apply through their personal tutor to repeat the year.

Students may not repeat any academic year more than once. Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year and will not, except in exceptional circumstances, be given credit for any module or modules already passed.

### PROFESSIONAL DIPLOMA IN ORTHODONTIC THERAPY

33 The School of Dental Science in association with the Dublin Dental University Hospital offers a one-year (12-months) Professional Diploma in Orthodontic Therapy. The course provides eligibility for entry to the Dental Council of Ireland's Register of Orthodontic Therapists.

#### *Modules*

34 This twelve month course with workplace based training carries 60 ECTS. Module details can be found in the course handbook.

#### *Academic Progress*

35 Students will not be permitted to commence the workplace training until they have completed the initial training and passed the related assessments. The workplace training will be evaluated using a portfolio of experience and case presentations. There will also be continuous assessment in the form of written examinations and assessment of clinical performance.

#### *Final Examination*

36 In order to be admitted to the final examination students must (i) have passed the written assessments, (ii) have satisfactorily completed the portfolio of experience and (iii) have satisfactory levels of attendance. Students who have not completed these requirements will not be admitted to the annual sitting of the of the final examination but may proceed to the supplemental examination provided they have completed these requirements.

#### *Repetition of Year*

37 Students who fail the final examination will be offered an opportunity to sit a supplemental examination. Students who fail the supplemental examination may be required to repeat the year or withdraw. Students who are permitted to repeat the year must comply with all the normal course requirements for the year and will not, except in exceptional circumstances, be given credit for any assessments or modules already passed.

### III SCHOOL OF MEDICINE

#### DEGREES OF BACHELOR IN MEDICINE (M.B.), BACHELOR IN SURGERY (B.Ch.) AND BACHELOR IN OBSTETRICS (B.A.O.)

#### *Professional lectures and clinical instruction*

1 The course consists of five academic years. In the event that a student is required to repeat any academic year or is permitted to spend a period of time off-books, he/she must normally complete and pass the entire course within a seven year period. All students entering the school are provided with a copy of the faculty and school regulations.

2 Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Any student who behaves in an unprofessional manner in relation to their clinical duties will be subject to serious disciplinary procedures, which could result in expulsion. Similarly a significant fitness to practise issue may result in exclusion. A student may be required to defer clinical practice if the Director of Teaching and Learning (Undergraduate), on the recommendation of the course director, deems such a deferral necessary on professional grounds.

3 For professional reasons lecture, tutorial, and clinical attendance in all years is compulsory. Students who have not satisfied the school requirements for attendance will be returned to the Senior Lecturer as non-satisfactory, in keeping with the regulations of the University Council. Credit for prior learning for modules will only be granted in exceptional circumstances.

4 Professional and clinical competence is central to this degree and therefore attendance at scheduled teaching and on clinical placement is mandatory. Professional ethics and standards of professional conduct in relation to interaction with all members of the School and clinical practice will be detailed and written instructions will be given to each student in the form of the Undergraduate Medical Student Professional Practice Agreement, which includes guidelines from the Irish Medical Council. Each student will be required to sign this document together with a confidentiality agreement on an annual basis throughout the course. Strict adherence to standards of conduct and ethics during clinical practice must be observed at all times.

Students are required to familiarise themselves with the requirements regarding professional standards, behaviour, and conduct towards patients in any clinical setting in which they are placed including hospital and general practice. Please refer to the clinical clerkship booklet.

5 Students on clinical training are required to be informed of and comply with hospital and primary care practice regulations and procedures. Failure to comply with expected professional behaviour will have serious consequences including refusal to allow the student to attend hospital (and general practice) clinical sessions by those authorities or the Executive Committee of the School of Medicine.

#### *Fees*

6 See COLLEGE CHARGES.

#### *Intercalated M.Sc. for medical students*

7 An intercalated M.Sc. degree in biomedical sciences is available for medical students; see PART 3 OF THE CALENDAR — GRADUATE STUDIES AND HIGHER DEGREES. Approval to undertake an Intercalated MSc will be given only to candidates completing an Intercalated MSc within Trinity College Dublin with good performances in the course to date and who have completed at least three years of the course attaining overall grades of an average of 60 per cent in all third year modules. Normally candidates must also have risen with their year at the end of each year of the course so far completed. Candidates who have repeated a year of the course may be considered in exceptional circumstances.

#### *Moderatorship for medical students*

8 Approval will be given only to candidates with good performances in the course to date and who have completed at least three years of the course.

Biochemistry, immunology, microbiology, molecular medicine, neuroscience and physiology are approved subjects for moderatorship. Other subjects may become available.

To be accepted for a one year moderatorship applicants must normally have:

- (i) obtained a minimum mark of 60 per cent for the annual examinations in the subject for which the application is being submitted;
- (ii) obtained an average mark of not less than 55 per cent in the annual examinations for each year in the course to date;
- (iii) risen with their year at the end of each year of the course so far completed. Candidates who have repeated a year of the course may be considered in exceptional circumstances.

#### *Repetition of modules and examinations*

9 Provided that a reasonable attempt has been made at annual and supplemental examinations, and that attendance has been satisfactory, students will be permitted to repeat their year. Only in exceptional circumstances will they be allowed to repeat their first medical year. Students may not repeat any academic year more than once and may not repeat more than two academic years of their course. Students will not however be permitted to repeat both first

and second years.

Students who fail to obtain credit for a year of the course and who are permitted by the School of Medicine to repeat the year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed unless it is specifically recommended following appeal by the student to the School of Medicine. Repetition requires full attendance at lectures and at other academic and practical instruction.

Students failing to perform satisfactorily in any component of the clinical modules may be required to complete additional assessments and/or additional placements of extended duration as deemed appropriate by the Director of Teaching and Learning (Undergraduate). Students who cannot complete or fail to pass the additional placement may not rise with their class.

#### *Precautions against infectious diseases*

10 With regard to the transmission of infectious diseases the School of Medicine at Trinity College Dublin strikes a balance between our pastoral responsibility to individual students applying for entry and our overriding duty of care to the public with whom medical students are in close contact. In this context the school is obliged to ensure that reasonable and appropriate measures are taken not only to safeguard the students and their colleagues, but also the patients and members of the public. Details of the vaccination programmes and the blood borne viruses (BBV) policy for medical students are available at the School of Medicine Office. The BBV policy for medical students is also available on the School of Medicine website and must be adhered to.

11 All health care professionals have a duty of care to the public. In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner or the College Health Service prior to registration to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox. In addition, students must produce evidence of their hepatitis B and C status and where appropriate confirmation that they do not have active disease. Students who are hepatitis B negative but not already deemed to be immune to hepatitis B will be required to undergo a course of vaccination. Details of the specific investigations required and the vaccination programmes available are communicated to applicants as part of the admissions process (in the infectious diseases information booklet) and are available at all times in the School of Medicine Office. At the appropriate time of year, students in all years of the course will be advised to seek vaccination against influenza.

12 In the rare circumstances where a student acquires a blood borne virus infection during their studies the school will consider reasonable accommodations in accordance with statutory requirements. Details of the management of students who become infected with a blood borne virus during their course are outlined in the blood borne viruses policy.

13 In the event that a student has, or during the course of study becomes aware of, any life threatening infectious condition that could be transmitted to a patient or fellow health worker, such as HIV, hepatitis B, hepatitis C, tuberculosis, chickenpox, influenza, measles or rubella they should advise the School of Medicine Office and consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

14 Counselling for applicants who test positive for blood borne viruses can be arranged through the College Health Service. Applicants with active infection who successfully undergo treatment, which renders them no longer an infectious risk to patients, may then reapply for admission to the course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply.

15 In order to ensure that students are properly supported and monitored and to minimise any detrimental effects on the provision of training to other students and most importantly to ensure protection of all patients, the College will only admit and retain students that it can reasonably accommodate who are positive with a blood borne virus at any one time. If the College is unable



to reasonably accommodate a student with a BBV, the offer of a place for new entrants or re-registration for those previously registered will be rescinded and all fees paid will be refunded.

16 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Medicine reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted. All costs associated with tests for infectious diseases and vaccination must be met by the student.

## **Year 1**

### *Modules*

17 The first medical year comprises four modules. These are: (1) Human form and function (30 credits), (2) Human development, behavioural science and ethics (15 credits), (3) Evolution and life (10 credits), (4) Science and the humanities (5 credits).

Students are reminded of the requirement for acceptable professional behaviour in teaching hospitals, general practice and other clinical and non clinical settings and of their responsibility to be informed of and comply with the regulations and procedures as they apply in hospital, practice or community settings.

18 The subjects which contribute to these modules are: anatomy, biochemistry, behavioural science, ethics, genetics, microbiology, physiology, psychology, public health and primary care, the medical humanities and sociology. Detailed information is given in the study guide for the year.

### *Credit for the first medical year examinations*

19 During the first medical year students are examined in all modules. The pass mark for the year in each module is 50 per cent and a discipline specific minimum standard will apply as outlined in the study guide. Borderline students may be called to an oral examination (*viva*) with an examiner who may be drawn from any or from all of the following disciplines: anatomy, biochemistry, physiology, public health and primary care, psychology and ethics, see School of Medicine *viva* policy in study guide. Distinctions are awarded on a modular and/or discipline basis to any student who is judged to have performed to an exceptional level, subject to an oral examination. Distinctions are not awarded on the basis of results obtained in supplemental examinations. Detailed information is given in the study guide for the year. Supplemental examinations are held in the supplemental examination period.

## **Year 2**

### *Admission*

20 In order to enter the second medical year students must have obtained credit for the first medical year or have satisfied admission requirements by the standard that has been achieved in another appropriate course. The course extends from the first week of the College teaching term in September until the end of June.

Students are reminded of the requirement for acceptable professional behaviour in teaching hospitals, general practice and other clinical and non clinical settings and of their responsibility to be informed of and comply with the regulations and procedures as they apply in hospital, practice or community settings.

### *Modules*

21 There are seven modules in the second medical year which accrue 60 credits in total. These are: (1) Molecular and translational medicine (5 credits), (2) Clinical biochemistry (5 credits), (3) Principles of pharmacology and practical scientific research (10 credits), (4) Head and neck anatomy (5 credits), (5) Neuroscience (15 credits), (6) Aetiology and mechanisms of disease (10 credits), (7) Fundamentals of clinical and professional practice (10 credits).

22 The wide range of disciplines involved in these modules include the following: anatomy,

biochemistry, behavioural sciences and ethics, genetics, geriatrics, haematology, immunology, medicine, microbiology, pathology, pharmacology and therapeutics, physiology, psychology, psychiatry and surgery. This list is indicative and not exhaustive. Credit for behavioural sciences and communication skills may be incorporated into the assessment of complementary modules.

#### *Credit for the second medical year examinations*

23 During the second medical year students are examined in all modules. Written and/or practical assessments will take place as appropriate. The pass mark for written assessments is 50 per cent. Borderline students may be called to an oral examination (*viva*), see School of Medicine *viva* policy in study guide. Supplemental written examinations and clinical skills assessment will be held in the supplemental examination period.

Students who fail to complete their clinical skills programme satisfactorily in the normal time may be required to repeat the year.

### **Year 3**

#### *Admission*

24 In order to enter the third medical year, students must have obtained credit for all elements of the previous year or have satisfied admission requirements by the standard that has been achieved in another appropriate course. The third medical year begins on the the date indicated in the *Calendar*, PART I - ALMANACK, usually the last Monday in August, and extends to the end of June.

Students are reminded of the requirement for acceptable professional behaviour in teaching hospitals, general practice and other clinical and non clinical settings and of their responsibility to be informed of and comply with the regulations and procedures as they apply in hospital, practice or community settings.

#### *Clinical subjects*

25 Students must attend hospital as scheduled in order to meet the requirements for entry into the annual examinations. There is a one month elective to be taken during the summer vacation period. Details of elective practice requirements are outlined in the third, fourth and final medical year study guides. Credit for one month elective experience in the summer of the third medical year may be obtained in one of the following units:

- A general hospital in this country or abroad
- An overseas medical centre
- A laboratory (either research or service)
- A clinical research unit
- A general practice

Planned elective experience must be approved by the school in advance.

Students who have not made satisfactory progress in clinical attachments may be required to attend a unit, which provides opportunity for improving their clinical skills.

26 Students attend the affiliated hospitals on a clinical attachment programme. An assessment is made at the end of each attachment, and at other times if necessary, on the attendance and work of each student. Credit for hospital attendance is withheld from any student whose attendance or assessment is unsatisfactory. Attendance at lectures, clinical rotations, practicals and tutorials is compulsory.

#### *Modules*

27 There are six modules of study in the third medical year accruing 60 credits in total. These are: (1) Pharmacology and therapeutics (5 credits), (2) Laboratory and investigative medicine (10 credits), (3) Principles of medical and surgical practice (25 credits), (4) ENT and ophthalmology (5 credits), (5) Advanced clinical and professional practice (10 credits), (6) Principles and practice of evidence based medicine and elective practice 1 (5 credits).

### *Subjects of study*

28 The subjects of study are:

Pathology  
Clinical microbiology, immunology and the epidemiology of infectious diseases  
Pharmacology and therapeutics  
Medicine (including global health and medical gerontology)  
Surgery  
Radiology  
ENT and ophthalmology  
Evidence based medicine  
Clinical skills  
Medical ethics  
Behavioural science  
Psychology applied to medicine  
Interprofessional learning

### *Third medical year examination*

29 During the third medical year students are examined at the end of each term. Assessment formats will include written papers, project work, poster presentations and continuous assessment of clinical competency and professional development, as well as clinical examinations. It is the responsibility of all students to record all clinical exposure in the clinical performance logbook which will be provided at the beginning of the academic year. Review of the logbook will contribute toward continuous assessment. Details of all third year assessments, clinical and written examinations will be found in the study guide. No module or part of a module can be carried forward. Students who fail any module or part thereof will be required to sit a supplemental examination held in the supplemental examination period. The assessment in ophthalmology and diseases of the ear, nose and throat must be passed with a satisfactory performance in order to proceed to part IV of the final medical examinations.

## **Year 4**

### *Admission*

30 In order to enter the fourth medical year students must have obtained credit for all elements of the previous medical year.

Students are reminded of the requirement for acceptable professional behaviour in teaching hospitals, general practice and other clinical and non clinical settings and of their responsibility to be informed of and comply with the regulations and procedures as they apply in hospital, practice or community settings.

### *Clinical course*

31 The fourth medical year begins on the date indicated in the *Calendar*, PART I - ALMANACK, usually the last Monday in August and extends until the end of June. Students who fail to attend at the start of term may be refused entry to the specialty rotational programme and may be required to repeat the year.

The main feature of this year is the specialty rotational programme.

### *Modules*

32 There are seven modules of study in the fourth medical year accruing 60 credits in total. These are: (1) Obstetrics and gynaecology (10 credits), (2) Public health, primary care and epidemiology (10 credits), (3) Paediatrics and child health (10 credits), (4) Principles and practice of psychiatry (10 credits), (5) Professionalism and scientific method (10 credits), (6) Jurisprudence, ethics and law (5 credits), (7) Elective practice 2 (5 credits).

### *Subjects of study*

33 The subjects of study are:

Paediatrics  
Psychiatry  
Obstetrics and gynaecology  
Public health, primary care and epidemiology  
Jurisprudence  
Ethics  
Medical humanities  
Professional development

Students must attend lectures, practicals, tutorials and clinical attachments during this year according to the timetable provided. No module or part of a module can be carried forward.

#### *Final medical examination, part I*

*Public health, primary care and epidemiology; medical jurisprudence, ethics and law*

34 Students are admitted to the final medical examination in public health, primary care and epidemiology, medical jurisprudence, ethics and law during the fourth medical year, provided they have obtained credit for the course work in these subjects. A supplemental examination is held in the supplemental examination period.

#### *Final medical examination, part II*

*Obstetrics and gynaecology*

35 Students are admitted to the final medical examination in obstetrics and gynaecology during the fourth medical year, provided they have satisfied the clinical attendance requirements at recognised general, specialist and maternity hospitals in accordance with the study guide. Supplemental examinations are held in the supplemental examination period.

#### *Final medical examination, part III*

*(a) Medicine/psychiatry (including therapeutics); (b) Paediatrics and child health*

36 Students are admitted to the final medical examination in principles and practice of psychiatry and paediatrics and child health during the fourth medical year provided they have obtained credit for modules in these subjects and have satisfactory clinical attendance on psychiatry and paediatric rotations at hospitals recognised by the school. Students should note that psychiatry also forms part of the modules included in the fifth medical year. Provisional results will be considered at the fourth medical year court of examiners but will be integrated with the marks obtained in medicine in the fifth medical year and reported at the final medical year court of examiners. Supplemental examinations are held in the supplemental examination period.

## **Year 5**

### *Admission*

37 In order to enter the fifth medical year, students must have obtained credit for all the modules of the previous medical year.

38 The fifth medical year begins on the the date indicated in the *Calendar*, PART I - ALMANACK, usually the last Monday in August and continues until the final examination, usually in April.

Students are reminded of the requirement for acceptable professional behaviour in teaching hospitals, general practice and other clinical and non clinical settings and of their responsibility to be informed of and comply with the regulations and procedures as they apply in hospital, practice or community settings.

### *Modules*

39 There are four modules in the fifth medical year accruing 60 credits. These are: (1)

Integrated surgical science and practice (20 credits), (2) Integrated medical science and practice (20 credits), (3) Competency based preparation for practice (10 credits), (4) Elective practice 3 (10 credits). It is essential that students satisfactorily complete all competency based elements of the course prior to proceeding to final examinations in surgery and medicine.

40 The main feature of this year is the rotational programme, which is organised jointly by the Departments of Clinical Medicine and Surgery.

41 Attendance at the clinical attachment programme including lectures, tutorials and practical sessions is mandatory. Poor attendance may preclude students from entering final examinations.

42 Subjects of study include medicine, surgery, emergency medicine, critical care medicine, therapeutics and psychiatry, competency based preparation for practice, clinical skills, intern shadowing, clinical attachment programme. Clinicopathological conferences, clinical therapeutics conferences, lectures, tutorials and seminars are held throughout the year.

### *Final medical examination, parts III-IV*

#### *Subjects*

43 The subjects are:

III (a) Medicine/psychiatry (including therapeutics); (b) Paediatrics and child health  
IV Surgery (including ENT, ophthalmology)

Students will be admitted to the final medical examination, parts III and IV if they have obtained satisfactory credit for the course work in these subjects. The assessment in ophthalmology and diseases of the ear, nose and throat must be passed before entry to part IV of the final examination. Prior examination and assessment marks are carried forward for inclusion in the final examinations as per *Final medical examination, part III*.

There will be written and clinical examinations in medicine/psychiatry (including therapeutics) and surgery. Students must pass the clinical component of each examination and pass each subject. Students who fail the clinical component of the examination in any subject will be required to repeat the written and clinical component of that subject, even if they have previously passed the written component.

To obtain a pass with overall first class honors, a candidate must achieve the following:

a mark of 70 per cent or above in at least three of the following parts of the final examination: part II, part III(a), part III(b) and part IV; and not less than 65 per cent in the remaining part. The mark for each part constitutes the sum of its written and clinical components each of which is non-compensatable in the case of failure.

The calculation of the marks is set out in the table below.

Degree	B.A.O.	M.B.		B.Ch.
<b>Part</b>	Part II	Part III(a)	Part III(b)	Part IV
<b>Name/ Subjects</b>	Obstetrics and gynaecology	Medicine/ psychiatry (including therapeutics)	Paediatrics and child health	Surgery (including ENT and ophthalmology)
<b>Overall first class honors</b>	70 per cent or above in at least three parts (part II, part III(a), part III(b) and part IV) and not less than 65 per cent in the remaining part.			

To obtain a pass with overall second class honors, a candidate must achieve the following:

a mark of 60 per cent or above in at least three of the following parts of the final examination: part II, part III(a), part III(b) and part IV; and not less than 55 per cent in the remaining part. The mark for each part constitutes the sum of its clinical and written components each of which is non-compensatable in the case of failure.

The calculation of the marks is set out in the table below:

Degree	B.A.O.	M.B.		B.Ch.
Part	Part II	Part III(a)	Part III(b)	Part IV
Name/ Subjects	Obstetrics and gynaecology	Medicine, psychiatry including therapeutics	Paediatrics and child health	Surgery (including ENT and ophthalmology)
Overall second class honors	60 per cent or above in at least three parts (part II, part III(a), part III(b) and part IV) and not less than 55 per cent in the remaining part.			

Gold medals and prizes are awarded by the Board of the College to eligible candidates who have shown exceptional merit (see <https://www.tcd.ie/academicregistry/exams/prizes/>).

Honors marks are awarded in each part as follows: first class honors 70 per cent or greater, second class honors 60-69 per cent, pass 50-59 per cent, fail 0-49 per cent.

#### *Admission to Examination*

44 Students must have successfully completed clinical attendance of at least twenty-four months' duration at a site(s) recognised by the school before being admitted to the clinical part of the final examinations in medicine/psychiatry (including therapeutics) and surgery.

Candidates will be required to take the final examination, parts III and IV, at the times set out by the school and must pass all parts not later than the supplemental examination period of the following academic year. Exceptions to this regulation will be made only in the case of illness or other exceptional circumstances.

Students repeating parts of the final examination are required to retake all components both clinical and written and are required to attend a prescribed programme of clinical and tutorial sessions. If more than two academic years have lapsed since obtaining credit for one or more parts and where the student is re-admitted to the course, they may be required to undergo a programme of professional re-orientation.

Should the candidates fail to pass in the remaining subject(s) at the next published final medical examination, either due to failure to present or due to failure to achieve the required standard, they will be required to re-present in all subjects at the next session and in the interim to attend a prescribed programme of clinical and tutorial sessions. Supplemental examination candidates, i.e. those repeating the final medical examination, are only eligible to be awarded a pass degree and a pass in individual subjects.

All students taking the final examination at the supplemental period are required to satisfy the requirements for entry to the final medical examination indicated in this section.

#### II OBSTETRICS AND GYNAECOLOGY

45 Students must have completed the final medical examination in obstetrics and gynaecology in the fourth medical year. For students entering the final medical year in 2015/16 the results will be reported at the final medical year court of examiners. For students entering the final medical year in 2016/17 the results will be reported at the 4<sup>th</sup> medical year court of examiners.

#### III (a) MEDICINE/PSYCHIATRY (INCLUDING THERAPEUTICS); (b) PAEDIATRICS AND CHILD HEALTH

46 Students are admitted to the final medical examination in medicine on condition that they have satisfactorily completed the following requirements:

- (i) satisfactory attendance at recognised general and specialist hospitals;
- (ii) satisfactory attendance for clinical instruction on a specialist rotation in psychiatry at a hospital recognised by the school;
- (iii) satisfactory attendance at a course in paediatrics and child health at hospitals accredited by the school and have received instruction in neonatal paediatrics.

To pass part III candidates must obtain 50 per cent in (a) medicine/psychiatry (including therapeutics) **and** in (b) paediatrics and child health and complete all continuous assessments of

each course. Candidates who pass part (a) or (b) but fail in the other will be re-examined in the subject(s) (written and clinical components) in which they have failed.

#### IV SURGERY (INCLUDING ENT, OPHTHALMOLOGY)

47 Students are admitted to the final examination in surgery on condition that they have satisfactorily completed attendance and satisfactorily passed ENT and ophthalmology at a general and/or specialist hospital recognised by the school.

##### *Recognised hospitals and units for clinical practice*

48 The following hospitals and units are recognised for clinical practice and assessment:

Bloomfield Care Centre  
Central Mental Hospital, Dundrum  
Children's University Hospital, Temple Street  
Coombe Women and Infants University Hospital  
Hermitage Medical Clinic  
Naas General Hospital  
National Maternity Hospital  
National Rehabilitation Hospital  
Our Lady's Children's Hospital, Crumlin  
Our Lady's Hospice and Care Services, Harold's Cross and Blackrock  
Peamount Hospital  
Royal Victoria Eye and Ear Hospital  
St Edmundsbury Hospital  
St James's Hospital  
St Patrick's University Hospital  
St Vincent's Hospital, Fairview  
Tallaght Hospital  
General practices associated with the school

##### *Degrees*

49 To qualify for the degrees of Bachelor in Medicine (M.B.), Bachelor in Surgery (B.Ch.) and Bachelor in Obstetrics (B.A.O.), students must have completed the prescribed courses of study and passed all parts of the final medical examination. Before having their medical degrees conferred on them they must first have qualified for and received the B.A. degree. Both the latter degree and the medical degrees are conferred at the same Commencements.

50 Testimoniums of degrees are presented to candidates for degrees at Commencements, and are sent as soon as possible after Commencements to candidates who have received degrees *in absentia*.

##### *Intern year*

51 Students, on receiving their medical qualifications, are required by Irish law to spend one year of satisfactory service as resident house officers (interns) in an approved hospital or hospitals before they can apply for full registration as medical practitioners. The Intern year normally consists of a period of at least three months in medicine and at least three months in surgery; with no less than two months, but no more than four months in a specialist rotation permitted, please refer to the HSE and Irish Medical Council guidelines at the time of application. Students must apply, through the HSE National Recruitment Service, for an intern post. This process normally begins in the November of final year and is normally completed the following May. Information on the process for applying for an internship can be found via [www.hse.ie](http://www.hse.ie).

##### *Approved hospitals*

52 Students arranging to spend their internship year outside the Republic of Ireland and who wish to apply for general registration with the Medical Council of Ireland directly after internship need to enquire whether their intern post and training programme has been, or is likely to be,

approved. The approving body for the purpose is the Medical Council, Kingram House, Kingram Place, Dublin 2, to which all such enquiries should be addressed.

#### *Registration as a medical practitioner*

##### *Intern registration*

53 On receiving their medical qualification, students interning in the Republic of Ireland must register with the Medical Council, Kingram House, Kingram Place, Dublin 2.

##### *Full registration*

54 An applicant who wishes to become fully registered as a medical practitioner must submit to the School of Medicine an intern assessment form for each completed rotation, signed off satisfactorily by their consultant trainer and intern tutor. They must also sign an intern training agreement with the school, have sufficient attendance at formal teaching and comply with all other training requirements as directed by the school's intern network co-ordinator. All interns within the school network who complete their internship satisfactorily will be recommended by the School of Medicine on behalf of the University to the Medical Council for a Certificate of Experience.

#### *Registration as a medical practitioner outside of the Republic of Ireland*

55 Students who wish to register as a medical practitioner outside of the Republic of Ireland at any point in their life must ensure they meet the requirements for registration within that locality. Students should familiarise themselves with the regulations of bodies, such as, but not limited to the Educational Commission for Foreign Medical Graduates (ECFMG).

#### DEGREE OF BACHELOR IN SCIENCE (OCCUPATIONAL THERAPY) (B.Sc. (Cur. Occ.))

56 A full-time, four-year course of honour standard leading to a degree of Bachelor in Science in Occupational Therapy.

#### *Fees*

57 See COLLEGE CHARGES.

#### *Precautions against infectious diseases*

58 With regard to the transmission of infectious diseases the School of Medicine at Trinity College Dublin strikes a balance between our pastoral responsibility to individual students applying for entry and our overriding duty of care to the public with whom occupational therapy students are in close contact. In this context the school is obliged to ensure that reasonable and appropriate measures are taken not only to safeguard the students and their colleagues, but also the patients and members of the public.

59 All health care professionals have a duty of care to the public. In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner or the College Health Service prior to registration to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox. In addition, students must produce evidence of their hepatitis B and C status and where appropriate confirmation that they do not have active disease. A negative hepatitis B test result is not a prerequisite for preregistration for students studying occupational therapy – therefore students do not need to produce a negative hepatitis B s-antigen (HBsAg) and negative anti-hepatitis B core antigen result before registration. After registration and before commencing practice education all students must either demonstrate immunity to hepatitis B to the satisfaction of the College Health Service or undergo a course of vaccination. To demonstrate immunity students will be required to undergo a seroconversion test to determine the effectiveness of their immunity. Depending on the result of this test the College Health Service may require students to undergo a series of booster vaccinations.



60 In the rare circumstances where a student acquires a blood borne virus infection during their studies the school will consider all appropriate measures to accommodate their needs in accordance with statutory requirements. Details of the management of students who become infected with a blood borne virus during their course are outlined in the blood borne viruses policy.

In the event of a student becoming aware of any life threatening infectious condition that could be transmitted to a patient or fellow health worker, such as HIV, hepatitis B, hepatitis C, tuberculosis, chickenpox, influenza, measles or rubella they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

Counselling for applicants who test positive for blood borne viruses can be arranged through the College Health Service. Applicants with active infection who successfully undergo treatment, which renders them no longer an infectious risk to patients, may then reapply for admission to the course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply.

61 In order to ensure that students are properly supported and monitored and to minimise any detrimental effects on the provision of training to other students and most importantly to ensure protection of all patients, the College will only admit and retain students that it can reasonably accommodate who are positive with a blood borne virus at any one time. If the College is unable to reasonably accommodate a student with a blood borne virus, the offer of a place for new entrants or re-registration for those previously registered will be rescinded and all fees paid will be refunded.

62 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Medicine reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted. All costs associated with tests for infectious diseases and vaccination must be met by the student.

#### *Academic progress*

63 The course consists of four academic years. During the four years students are required, for professional qualification, to participate in and achieve the requisite level of competence in professional practice education in keeping with the required standards of the World Federation of Occupational Therapists (WFOT). This practice education will be integrated throughout the course and may involve hours outside the term time and may take place outside Dublin. Students must satisfy health and safety requirements, and Garda clearance, for practice education at all times during the course. Details of all elements of the course, including practice education, will be provided each year in the students' handbook.

Students are required to attend all lectures, practicals, and professional sessions, and to perform the exercises (essays, tutorials or practical work) prescribed for the year. Unsatisfactory attendance in individual modules may result in the student being returned as non-satisfactory to the Senior Lecturer. Such students may be refused permission to take module assessments and/or annual examinations and may be required to repeat the year.

Students must satisfy all practice education module requirements to be allowed rise with the year. Practice education takes place in a variety of settings. The Practice Education Team is responsible for approving those services to ensure each service meets the requirements both locally at a College level and a national and International level (Association of Occupational Therapists in Ireland and World Federation of Occupational Therapists). Practice settings are usually located in Ireland. Students should expect to be placed outside Dublin for at least one of their placements. Associated costs shall be borne by the student. The Practice Education Team maintains a system of contact with students whilst they engage in practice placements.

Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year, and will not, except in exceptional circumstances, be given credit for any module or modules already passed.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Course regulations and details of examinations/markings are provided for every student at the beginning of each academic year.

The ECTS value of each year of the course is 60 credits.

The final degree award is based on performance in both Sophister years. The Junior Sophister year contributes 35 per cent and the Senior Sophister year contributes 65 per cent to the calculation of the overall degree result.

### *Examinations*

64 To pass the Junior Freshman and Senior Freshman years students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation in each of these years students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module or pass modules outright totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module/s. The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in these years. Students should refer to the course handbook for further details on the criteria to pass individual modules.

65 To pass the Junior Sophister and Senior Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by passing all modules outright. Modules cannot be passed by compensation in either Sophister year.

66 In each year of the course, students who do not pass at the annual session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a passing grade by taking such assessment components as required during the supplemental examination period. In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the methods of assessment may differ. In non-degree years, whilst passing marks are not capped at the supplemental session, a student's overall end of year result will be recorded as 'pass at supplemental'. Where assessments count towards an award, any assessment component in which a student supplements will be capped at 40 per cent.

## **Junior Freshmen**

### *Modules*

67 The modules of the Junior Freshman year are study of occupation (15 credits), introduction to disability studies (5 credits), professional development (10 credits), fundamentals of psychology (10 credits), applied anatomy for occupational therapy (5 credits), anatomy of upper limb and back (5 credits), scientific basis for nursing (human biology) (5 credits), Junior Freshman practice education (5 credits).

### *Examinations*

68 Junior Freshman students must present themselves for examination at specified times throughout the academic year and must submit all project work and assignments at the designated times. Details of examinations and assignments/project work are outlined in the students' handbook for each module. Students must complete all the assessment components of each module in order to be awarded an overall pass grade for each module. Students are also required to be graded competent in all the practice education assignments for the year to rise with their class. Modules are weighted according to their credit values.

69 Students who fail a supplemental examination, supplemental assignment or supplemental

practice education will not be permitted to proceed to the Senior Freshman year of the course, but may, in certain circumstances, be permitted to repeat the year.

### **Senior Freshmen**

70 Students who have obtained credit for the Junior Freshman year of the course may enter the Senior Freshman year.

#### *Modules*

71 The modules of the Senior Freshman year are study of occupation practice and review (5 credits), disability and intellectual disability studies (5 credits), professional development (5 credits), developmental psychology (5 credits), Senior Freshman practice education (5 credits), social and personality psychology (5 credits), conditions in occupational therapy (5 credits), occupational therapy theory and interventions: adults physical I (5 credits), occupational therapy with older adults I (5 credits), research methods and statistics (5 credits), advanced anatomy and physiology (5 credits), foundations of disease and pharmacological intervention (5 credits).

#### *Examinations*

72 All Senior Freshman students must present themselves for examination at specified times throughout the academic year and must submit all project work and assignments at the designated times. Details of examinations and assignments/project work are outlined in the students' handbook for each module. Module weightings and regulations for each module are outlined in the students' handbook. Students must complete all the assessment components of each module in order to be awarded an overall pass grade for each module. Modules are weighted according to their credit values.

73 Students who fail a supplemental examination or supplemental assignment or supplemental practice education will not be permitted to proceed to the Junior Sophister year of the course, but may, in certain circumstances, be permitted to repeat the year.

### **Junior Sophisters**

74 Students who have obtained credit for the Senior Freshman year of the course may enter the Junior Sophister year.

#### *Modules*

75 The modules of the Junior Sophister year are study of occupation (5 credits), social policy concepts (5 credits), evaluative practice (5 credits), occupational therapy theory and interventions for adults: physical 2 (5 credits), occupational therapy with older adults 2 (5 credits), occupational therapy for mental health (adults) (5 credits), professional development: group theory and facilitation (5 credits), research methods (5 credits), health psychology (5 credits), occupational therapy for children (5 credits) and Junior Sophister practice education (10 credits).

#### *Examinations*

76 All Junior Sophister students must present themselves for examination at specified times throughout the academic year and must submit all project work and assignments at the designated times. Details of examinations and assignments/project work are outlined in the students' handbook for each module. Module weightings and regulations for each module are outlined in the students' handbook. Students must complete all the assessment components of each module in order to be awarded an overall pass grade for each module. Modules are weighted according to their credit values. Students are required to be graded competent in all the Junior Sophister practice education assignments for the year to rise with their class.

77 Students who fail a supplemental examination or supplemental assignment or supplemental Junior Sophister practice education will not be permitted to proceed to the Senior Sophister year of the course, but may, in certain circumstances, be permitted to repeat the year.

## Senior Sophisters

78 Students who have obtained credit for the Junior Sophister year of the course may enter the Senior Sophister year.

### *Modules*

79 The modules of the Senior Sophister year are social policy analysis (5 credits), study of occupation (5 credits), occupational therapy case studies (10 credits), ethical reasoning, clinical governance and leadership (10 credits), evaluative practice – bringing evidence to practice (5 credits), Senior Sophister practice education (10 credits), research methods (10 credits) and disability studies (5 credits).

### *Final examination*

80 To be admitted to the final examination students must have obtained credit for all of the Junior Freshman, Senior Freshman and Junior Sophister years of the course requirements. Students who have not satisfactorily completed the required thirty-three weeks of practice education at the time of the final examination may be permitted to enter for the examination provided that they have satisfactorily completed the equivalent of twenty-two weeks of supervised practice education. Any student who does not satisfactorily complete supervised practice education will be required to undertake and satisfactorily complete supplemental supervised practice education by the time of the supplemental examinations.

81 The final examination involves seven areas: social policy, disability studies, study of occupation, occupational therapy case studies, research methods, evaluative practice – bringing evidence to practice and ethical reasoning, clinical governance and leadership. Details regarding the examination of each module are outlined in the students' handbook. Modules are weighted according to their credit values. Students must present themselves for examination at the specified times and submit all project work and assignments on time. Details of submission dates are provided in the students' handbook. Penalties are applied for late submission of work that contributes to the calculation of the final degree. Details of penalties are outlined in the students' handbook.

82 Students who fail the supplemental examination or supplemental practice education placement will only in exceptional circumstances and by special permission of the examination board be allowed to repeat the year.

## ONE-YEAR COURSE IN OCCUPATIONAL THERAPY, IN CONJUNCTION WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY

83 A one-year course is offered in occupational therapy, in conjunction with the Singapore Institute of Technology, to holders of the Diploma in Occupational Therapy from the Nanyang Polytechnic. Students register with both institutions and take all modules in Singapore apart from the module 'Context and delivery of practice (overseas immersion programme)', which is delivered over a six-week period in the Trinity Centre for Health Sciences, St James's Campus and associated clinical sites. The ECTS value for the one-year degree course is 60 credits. Students successfully completing the course are awarded the degree of Bachelor in Science (Occupational Therapy).

### *Entry requirements*

84 Applicants are required to hold the Diploma in Occupational Therapy from Nanyang Polytechnic with a GPA of at least 2.8. Applicants with a GPA lower than 2.8 may be considered suitable for admission where they possess relevant work experience and other academic achievements as determined by Trinity College Dublin.

### *Modules*

85 Students are required to complete all modules delivered in the year which are advanced occupational therapy theory (15 credits); advanced practice (15 credits); context and delivery of practice (overseas immersion programme) (10 credits); healthcare development and delivery (20 credits).

### *Regulations*

86 Academic regulations which apply to the four-year course in occupational therapy also apply to this course and in particular those related to the Senior Sophister year and the final examination. Non-academic disciplinary matters will be managed through the local procedures of where the student is based at the time of the misconduct.

## DEGREE OF BACHELOR IN SCIENCE (PHYSIOTHERAPY) (B.Sc. (Physio.))

### *Professional lectures and clinical practice*

87 The course consists of four academic years.

Clinical practice commences in the Senior Freshman year and continues throughout the Junior and Senior Sophister years. Students are required for professional qualification, to participate in and achieve the requisite level of competence in practice education in line with required standards of the Irish Society for Chartered Physiotherapists (ISCP) and the World Confederation of Physical Therapy (WCPT). Practice education (clinical placement) modules will be integrated throughout the course and may involve hours outside term time. Students must satisfy all health and safety requirements for practice education throughout the course. To meet the requirements for professional qualification, students must have satisfactorily completed a minimum of one thousand hours of clinical practice.

Students of the discipline of physiotherapy are expected, while on clinical placement, to comply with the Rules of Professional Conduct, incorporating the Code of Ethics and Guidelines for Professional Behaviour, with the disciplinary rules of the health service provider where the placement is located and with the regulations of Trinity College Dublin related to student conduct (see GENERAL REGULATIONS AND INFORMATION, CONDUCT AND COLLEGE REGULATIONS). Further information and regulations regarding practice education are available in the *Practice Education Handbook*.

### *Fees*

88 See COLLEGE CHARGES.

### *Precautions against infectious diseases*

89 With regard to the transmission of infectious diseases the School of Medicine at Trinity College Dublin strikes a balance between our pastoral responsibility to individual students applying for entry and our overriding duty of care to the public with whom physiotherapy students are in close contact. In this context the school is obliged to ensure that reasonable and appropriate measures are taken not only to safeguard the students and their colleagues, but also the patients and members of the public.

All health care professionals have a duty of care to the public. In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner or the College Health Service prior to registration to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox. In addition, students must produce evidence of their hepatitis B and C status and where appropriate confirmation that they do not have active disease. Students studying physiotherapy are also strongly advised to be vaccinated against hepatitis B, if not already immune, for their own protection. Students must produce evidence of their hepatitis B and C status and where appropriate confirmation that they do not have active disease. Students who

are hepatitis B negative but not already deemed to be immune to hepatitis B will be required to undergo a course of vaccination.

90 In the rare circumstances where a student acquires a blood borne virus infection during their studies the school will consider all appropriate measures to accommodate their needs in accordance with statutory requirements. Details of the management of students who become infected with a blood borne virus during their course are outlined in the blood borne viruses policy.

In the event of a student becoming aware of any life threatening infectious condition that could be transmitted to a patient or fellow health worker, such as HIV, hepatitis B, hepatitis C, tuberculosis, chickenpox, influenza, measles or rubella they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

Counselling for applicants who test positive for blood borne viruses can be arranged through the College Health Service. Applicants with active infection who successfully undergo treatment, which renders them no longer an infectious risk to patients, may then reapply for admission to the course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply.

91 In order to ensure that students are properly supported and monitored and to minimise any detrimental effects on the provision of training to other students and most importantly to ensure protection of all patients, the College will only admit and retain students that it can reasonably accommodate who are positive with a blood borne virus at any one time. If the College is unable to reasonably accommodate a student with a blood borne virus, the offer of a place for new entrants or re-registration for those previously registered will be rescinded and all fees paid will be refunded.

92 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Medicine reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted. All costs associated with tests for infectious diseases and vaccination must be met by the student.

#### *Academic Progress*

Students should attend lectures regularly, and are required to attend all practicals and clinical sessions, and to perform the exercises (essays, tutorials or practical work) prescribed for the year.

Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory.

To pass each year of the course students must achieve an overall credit-weighted average of at least 40 per cent (grade III) for the year and accumulate 60 credits by passing all modules outright. Modules cannot be passed by compensation.

In each year of the course, students who do not pass at the annual session must complete supplemental assessments in all modules in which they did not achieve a passing grade by taking such assessment components as required during the supplemental examination period. In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the assessment methods may differ. In non-degree years, whilst passing marks are not capped at the supplemental session, a student's overall end-of-year result will be recorded as 'pass at supplemental'. Where assessments count towards the award, any

assessment component in which a student supplements will be capped at 40 per cent, apart from the final patient assessment within the Senior Sophister clinical practice module which is not capped.

## **Junior Freshmen**

### *Modules*

93 The modules of the Junior Freshman year include anatomy (15 credits), clinical anatomy (10 credits), physics (5 credits), chemistry (5 credits) and physiology (25 credits).

### *Examinations*

94 All modules are weighted according to their credit values. The examinations in chemistry, physics, physiology and anatomy are taken at the end of the year. Examinations in clinical anatomy are held during Michaelmas and Trinity terms. Supplemental examinations are held during Michaelmas term.

95 Students who fail a supplemental examination will not be permitted to proceed to the second year of the course but may, in certain circumstances, be permitted to repeat the year.

## **Senior Freshmen**

96 Students who have obtained credit for the Junior Freshman year of the course may enter the Senior Freshman year.

### *Clinical practice*

97 Clinical practice commences at the end of the second year and continues throughout the third and fourth years of the course. Students are assigned to affiliated hospitals, clinics and community settings or other approved sites throughout Ireland for clinical placements. Students may be placed outside of Dublin to complete some of their clinical placements.

Students' progress during practical placement is monitored by continuous assessment. A satisfactory performance in all practice education placements is mandatory. A candidate who fails a clinical placement will be required to repeat the placement. If a placement is failed students may progress with other modules while waiting for a supplemental placement to be scheduled. Students who fail the supplemental practice education placement normally cannot progress within the year. Only in exceptional circumstances and by special permission of the examination board will the student be allowed to repeat the year.

### *Modules*

98 The modules of the Senior Freshman year are anatomy (5 credits); physiotherapy theory and practice I (electrotherapy, biomechanics and movement, exercise therapy) (20 credits); clinical sciences in physiotherapy I (orthopaedics, respiratory I, gerontology I, musculoskeletal I, burns/plastics, pain, pathology) (20 credits); professional issues I – the individual and the organisation (5 credits); preparation for clinical practice and clinical placement (10 credits).

### *Examinations*

99 All modules are weighted according to their credit values. Practical examination of physiotherapy theory and practice I and the practical components of clinical sciences in physiotherapy I takes place during the teaching terms. Examinations in anatomy will be held at the end of each term. Written examinations in physiotherapy theory and practice and in clinical sciences in physiotherapy are held at the end of the year. The module on the individual and the organisation will be assessed by in-course evaluation. Preparation for clinical practice and clinical placement is assessed by the clinical appraisal form.

Supplemental examinations for the practical assessments are held prior to students commencing clinical placement. Other supplemental examinations are held during Michaelmas term. Students who fail a supplemental examination are not permitted to proceed to the third year of the course but may, in certain circumstances, be permitted to repeat the year. Students who

fail practice education I module (clinical placement 1 May/June) will be permitted to repeat the placement at the next suitable placement allocation. Placements may occur outside the planned schedule at the discretion of the discipline of physiotherapy with the agreement of the health service providers.

### **Junior Sophisters**

100 Students who have obtained credit for the Senior Freshman year of the course may enter the Junior Sophister year.

#### *Modules*

101 The modules of the Junior Sophister year are scientific investigation (research methods, statistics, literature review) (15 credits); rehabilitation in bone and joint disease (orthopaedic rehabilitation, rheumatology, musculoskeletal medicine, women's health) (10 credits); chronic disease management and rehabilitation (respiratory medicine, cardiology, oncology, neurology, mental health) (10 credits); paediatrics and learning disability (5 credits); psychology (5 credits); professional issues II – physiotherapy management and evaluation (5 credits); clinical practice (10 credits).

#### *Examinations*

102 All modules are weighted according to their credit values. There will be two 3-hour papers examining rehabilitation in bone and joint disease and chronic disease management and rehabilitation and one 2-hour paper in paediatrics and learning disability at the end of the year. Two literature reviews will be submitted during the year (one in each term). An assessment in statistics will take place during the year. Assignments in professional issues II – physiotherapy management and evaluation, and psychology will be submitted during the year. The examinations, assignments and clinical assessments will all contribute to the overall grade granted at the end of the academic year.

Supplemental examinations are held during Michaelmas term. Students who fail a supplemental examination will not be permitted to proceed to the Senior Sophister year of the course but may, in certain circumstances, be permitted to repeat the year.

### **Senior Sophisters**

103 Students who have obtained credit for the Junior Sophister year of the course may enter the Senior Sophister year.

#### *Modules*

104 The modules of the final year are scientific investigation (research proposal, research assignment) (20 credits); advances in physiotherapy (5 credits); sports and exercise medicine (5 credits); professional issues III (5 credits); ergonomics (5 credits); clinical practice (20 credits).

#### *Final examination*

105 All modules are weighted according to their credit values. The final examination is held at the end of the second term and consists of two written papers examining sports and exercise medicine and ergonomics. There will also be an in-course written assignment in ergonomics. The module on professional issues III will be assessed by in-course evaluations. The module on advances in physiotherapy will be assessed by a written assignment and an oral presentation. The clinical appraisal marks awarded on clinical placement throughout the Senior Sophister year and an assessment on the management of a patient will contribute towards the final award. The final award classification is based entirely on the Senior Sophister year.

To be admitted to the final examination, students must have obtained credit for the Junior Freshman, Senior Freshman and Junior Sophister years of the course, and must have achieved the required standard in the continuous assessment of clinical practice and must have submitted the written reports of the research assignments by specified dates.



Students who fail any module, apart from the clinical practice module, in the final year may repeat assessments as specified by the court of examiners in the supplemental session. In relation to the clinical practice module students who have not satisfactorily completed the required one thousand hours of clinical practice at the time of the final examination, may be permitted to enter for the examination, and if the court of examiners so agrees, a conditional result may be recorded, subject to the satisfactory completion of clinical practice within a time limit set by the examiners.

106 *Recognised hospitals and units for clinical practice*

Cappagh Orthopaedic Hospital  
Carmona Services  
Cavan General Hospital  
Central Remedial Clinic – Clontarf  
Central Remedial Clinic – Clondalkin  
Clontarf Orthopaedics IOHI  
Enable Ireland  
Mullingar Hospital  
National Rehabilitation Hospital  
Our Lady’s Children’s Hospital, Crumlin  
Pearse Street Primary Community Continuing Care  
Royal Hospital, Donnybrook  
St Coleman’s Hospital, Rathdrum  
St Colmcille’s Hospital, Loughlinstown  
St James’s Hospital  
St Michael’s House  
Stewart’s Hospital Services Ltd, Dublin  
Tallaght Hospital  
Tullamore General Hospital Midlands Regional  
Primary Community Continuing Care – Meath  
Primary Community Continuing Care – Dublin West  
Primary Community Continuing Care – Dublin South City  
Primary Community Continuing Care – Dublin North City

Students may be assigned to hospitals/units other than those listed above.

ONE-YEAR COURSE IN PHYSIOTHERAPY, IN CONJUNCTION WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY

107 A one-year course is offered in physiotherapy, in conjunction with the Singapore Institute of Technology, to holders of the Diploma in Physiotherapy from the Nanyang Polytechnic. Students register with both institutions and take all modules in Singapore apart from part of the module ‘Advances in physiotherapy practice (overseas immersion programme)’, which is delivered over a six-week period in the Trinity Centre for Health Sciences, St James’s Campus and associated clinical sites. The ECTS value for the one-year degree course is 60 credits. Students successfully completing the course are awarded the degree of Bachelor in Science (Physiotherapy).

*Entry requirements*

108 Applicants are required to hold the Diploma in Physiotherapy from Nanyang Polytechnic with a GPA of at least 2.8. Applicants with a GPA lower than 2.8 may be considered suitable for admission where they possess relevant work experience and other academic achievements as determined by Trinity College Dublin.

### *Modules*

109 Students are required to complete all modules delivered in the year which are advanced exercise prescription (10 credits); critical appraisal and evidence based practice (20 credits); global health and service development (10 credits); leadership and management in physiotherapy (5 credits); advances in physiotherapy practice (overseas immersion programme) (15 credits).

### *Regulations*

110 Academic regulations which apply to the four-year course in physiotherapy also apply to this course and in particular those related to the Senior Sophister year and the final examination. Non-academic disciplinary matters will be managed through the local procedures of where the student is based at the time of the misconduct.

## DEGREE OF BACHELOR IN SCIENCE (RADIATION THERAPY) (B.Sc. (Ther. Rad.))

### *Regulations<sup>2</sup>*

111 A full-time four-year course of honor standard leading to a degree of Bachelor in Science in Radiation Therapy.

112 Some clinical teaching will take place outside normal working hours. In the Senior Freshman, Junior Sophister and Senior Sophister year clinical placements will be scheduled during both vacation periods. Students will be placed outside of the Dublin area for clinical practice. Associated costs shall be borne by the student. Credit may be withheld for the year for poor placement attendance or for unfavourable placement reports.

113 Students are required to register at the beginning of the course with the Professional Body in respect of the professional component of the degree.

### *Fees*

114 See COLLEGE CHARGES.

### *Precautions against infectious diseases*

115 With regard to the transmission of infectious diseases the School of Medicine at Trinity College Dublin strikes a balance between our pastoral responsibility to individual students applying for entry and our overriding duty of care to the public with whom radiation therapy students are in close contact. In this context the school is obliged to ensure that reasonable and appropriate measures are taken not only to safeguard the students and their colleagues, but also the patients and members of the public.

116 All health care professionals have a duty of care to the public. In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must provide certified evidence from a registered General Practitioner of their immunity to tuberculosis, measles, mumps, rubella, chickenpox, hepatitis B and hepatitis C. Where appropriate, students must provide confirmation that they do not have active hepatitis B or C disease. This evidence must be submitted to the discipline no later than three months prior to the first clinical placement.

117 In the rare circumstances where a student acquires a blood borne virus infection during their studies the school will consider all appropriate measures to accommodate their needs in accordance with statutory requirements. Details of the management of students who become infected with a blood borne virus during their course are outlined in the blood borne viruses policy.

In the event of a student becoming aware of any life threatening infectious condition that could be transmitted to a patient or fellow health worker, such as HIV, hepatitis B, hepatitis C, tuberculosis, chickenpox, influenza, measles or rubella they should consult their medical advisor

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<sup>2</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

Counselling for applicants who test positive for blood borne viruses can be arranged through the College Health Service. Applicants with active infection who successfully undergo treatment, which renders them no longer an infectious risk to patients, may then reapply for admission to the course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply.

118 In order to ensure that students are properly supported and monitored and to minimise any detrimental effects on the provision of training to other students and most importantly to ensure protection of all patients, the College will only admit and retain students that it can reasonably accommodate who are positive with a blood borne virus at any one time. If the College is unable to reasonably accommodate a student with a blood borne virus, the offer of a place for new entrants or re-registration for those previously registered will be rescinded and all fees paid will be refunded.

119 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Medicine reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted. All costs associated with tests for infectious diseases and vaccination must be met by the student.

#### *Academic progress*

120 A limited number of candidates, with appropriate experience, may be excused from individual modules and examinations in the Junior Freshman year. This is not applicable to school leavers.

121 Students must attend lectures regularly and are required to attend all practical and clinically related sessions and perform and submit the exercises (essays, assignments, tutorials or practical work) prescribed for the year. Details on assessment and submission will be made available to students at the beginning of the academic year on the College Virtual Learning Environment. Poor attendance may result in a non-satisfactory return, as detailed in the section GENERAL REGULATIONS AND INFORMATION.

122 Clinical competence is central to this degree and therefore attendance on clinical placement is mandatory. Professional ethics and standards of professional conduct in relation to clinical practice will be detailed and written instructions will be given to each student. Strict adherence to standards of conduct and ethics during clinical practice must be observed at all times. Students will be required to sign a confidentiality agreement.

123 Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Any student who behaves in an unprofessional manner in relation to their clinical placement will be subject to serious disciplinary procedures, which could result in expulsion. A student may be required to defer clinical practice if the course director, on the recommendation of the head of clinical education, deems such a deferral necessary on professional grounds.

124 The final degree award is based on performance in both Sophister years with each Sophister year contributing 50 per cent to the calculation of the degree result.

#### *Examinations*

125 Annual examinations are normally held during the annual examination period. The Senior Sophister final examination will take place during the twelfth week of Hilary term. Students who are unsuccessful at the annual examinations will be required to present themselves at a supplemental examination before the beginning of Michaelmas teaching term. Details of the structure and marking of examinations are made available to students at the beginning of each

academic year. Dates of examinations are posted online and the onus lies on each student to establish the dates, times and venues of their own examinations.

126 To pass the Junior Freshman and Senior Freshman years students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by (a) passing all modules outright or (b) passing by compensation. To pass by compensation in each of these years students must either pass outright modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass modules outright totalling 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). The designation of certain modules, or module components, as non-compensatable may reduce the level of compensation permitted in these years and these are detailed in the student handbook.

127 To pass the Junior Sophister and Senior Sophister years, students must achieve an overall credit-weighted average mark of at least 40 per cent (grade III) and accumulate 60 credits by passing all modules outright. Modules cannot be passed by compensation in either Sophister year.

128 In each year of the course, students who do not pass at the annual session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a passing grade by taking such assessment components as required during the supplemental examination period. In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the assessment methods may differ. In non-degree years, whilst passing marks are not capped at the supplemental session, a student's overall end of year result will be recorded as 'pass at supplemental'. Where assessments count towards the award, any assessment component in which a student supplements will be capped at 40 per cent.

129 Students who fail to obtain credit for a year of the course and who are permitted by the court of examiners to repeat the year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed. Repetition requires full attendance at lectures and at other academic and practical-related sessions.

130 Students may not repeat any academic year more than once and may not repeat more than two academic years, except by special permission of the University Council. The Senior Sophister year cannot be repeated.

131 Students failing to perform satisfactorily in any component of the clinical module may be required to complete additional assessments and/or additional placements of extended duration as deemed appropriate by the head of clinical education. Students who cannot complete or fail to pass the additional placement may not rise with their class.

## **Junior Freshmen**

### *Modules*

132 *Academic component:* The modules of the Junior Freshman year are biological principles and properties, chemical principles and properties, anatomy I, physics for radiation therapy, principles and practice of cancer care I and psychology and communication I.

*Clinical practice:* Observation and practice in a recognised clinical setting.

### *Examination*

133 All Junior Freshman students must present themselves for examination at the specified times. Modules will be assessed by examination and/or in-course assessment. Modules are weighted according to their credit values. Modules for assessment are as follows:

Biological principles and properties (10 credits)

Chemical principles and properties (10 credits)

Anatomy I (15 credits)

Physics for radiation therapy (10 credits)

Principles and practice of cancer care I (5 credits)  
Psychology and communication I (5 credits)  
Clinical practice (5 credits)

## Senior Freshmen

### *Modules*

134 *Academic component:* The modules of the Senior Freshman year are physics for radiation therapy, biochemistry, physiology, anatomy II, psychology and communication II, principles and practice of cancer care II, research methodology and statistics.

*Clinical practice:* Clinical observation and practice in a recognised clinical setting. One placement will take place outside term time.

### *Examination*

135 All Senior Freshman students must present themselves for examination at the specified times. Modules will be assessed by examination and/or in-course assessment. Modules are weighted according to their credit values. Modules for assessment are as follows:

Physics for radiation therapy (5 credits)  
Biochemistry (5 credits)  
Physiology (5 credits)  
Anatomy II (10 credits)  
Psychology and communication II (5 credits)  
Principles and practice of cancer care II (10 credits)  
Research methodology and statistics (5 credits)  
Clinical practice (15 credits)

## Junior Sophisters

### *Modules*

136 *Academic component:* The modules of the Junior Sophister year are principles and practice of cancer care III, radiobiology, treatment localisation and verification, radiotherapy treatment planning, physics for radiation therapy, research methodology and statistics.

*Clinical practice:* Thirteen weeks in the radiotherapy department of an approved hospital. Some of this will take place outside term time.

### *Examination*

137 All Junior Sophister students must present themselves for examination at the specified times. Modules will be assessed by examination and/or in-course assessment. Modules are weighted according to their credit values. Modules for assessment are as follows:

Principles and practice of cancer care III (10 credits)  
Radiobiology (5 credits)  
Treatment localisation and verification (10 credits)  
Radiotherapy treatment planning (10 credits)  
Physics for radiation therapy (5 credits)  
Research methodology and statistics (5 credits)  
Clinical practice (15 credits)

## Senior Sophisters

### *Modules*

138 *Academic component:* The module of the Senior Sophister year is radiotherapy in practice. Students are also required to complete a significant piece of independent research. The research project must be carried out in accordance with discipline regulations, as given in the student handbook.

*Clinical practice:* A minimum of fifteen weeks in a radiotherapy department of an approved hospital.

#### *Examination*

139 All Senior Sophister students must present themselves for examination at the specified times. Modules will be assessed by examination and/or in-course assessment. Modules are weighted according to their credit values. Modules for assessment are as follows:

Radiotherapy in practice (15 credits)

Research project (20 credits)

Clinical practice (25 credits)

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#### *Recognised hospitals for clinical practice*

St Luke's Radiation Oncology Network with sites on St James's, Beaumont and St Luke's Hospitals

Cork University Hospital

Galway University Hospital

Mater Misericordiae Private Hospital – Limerick and Dublin

St Vincent's Private Hospital

Galway Clinic

The Beacon Clinic

UPMC Whitfield Cancer Centre

Hermitage Medical Clinic

### ONE-YEAR COURSE IN RADIATION THERAPY, IN CONJUNCTION WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY

141 A one-year course is offered in radiation therapy, in conjunction with the Singapore Institute of Technology (SIT), to holders of the Diploma in Radiation Therapy from the Nanyang Polytechnic. Students register with both institutions and attend for part of the first semester in Dublin. Students take three modules in Dublin, including use of the College Virtual Learning Environment, three modules in SIT and one module spanning two semesters in both institutes. The ECTS value for the one-year degree course is 60 credits. Students successfully completing the course are awarded the degree of Bachelor in Science (Ther. Rad.).

#### *Entry requirements*

142 Applicants are required to hold the Diploma in Radiation Therapy from Nanyang Polytechnic with a GPA of at least 2.8. Applicants with a GPA lower than 2.8 may be considered suitable for admission where they possess relevant professional experience and other academic achievements as determined by Trinity College Dublin.

#### *Modules*

143 Students are required to complete all modules delivered in the year, which are radiotherapy in practice (15 credits), research methods (15 credits), treatment planning 1 (5 credits), specialised clinical practice (5 credits), global health and service development (10 credits), leadership and management (5 credits), treatment planning 2 (5 credits).

#### *Regulations*

144 Academic regulations which apply to the four-year course in radiation therapy also apply to this course and in particular those related to the Senior Sophister year and the final examination. Non-academic disciplinary matters will be managed through the local procedures of where the student is based at the time of the misconduct.

## DEGREE OF BACHELOR IN SCIENCE (HUMAN NUTRITION AND DIETETICS)

### *Regulations*

145 The course is designed to provide an integrated education in the science of nutrition and the profession of dietetics and their application to human health and well-being both at the individual and community level.

146 Entrants enrol on a four year full-time course leading to the B.Sc. degree in Human Nutrition and Dietetics (B.Sc. (Hum. Nut. & Diet.)) (with honors classification) awarded jointly by the University of Dublin and the Dublin Institute of Technology. Graduates will be eligible to apply for posts to work in the clinical setting as dietitians.

147 The course is conducted conjointly by the Dublin Institute of Technology and the University of Dublin.

### *Admission*

148 Full details of admission requirements and procedures may be obtained from the Admissions Office, Dublin Institute of Technology, 143-149 Rathmines Road, Dublin 6, before the C.A.O. deadline of the intended year of entry.

### *Fees*

149 See COLLEGE CHARGES.

### *Academic progress*

150 A limited number of applicants for advanced entry may be exempted from the modules and examinations of the Junior Freshman year.

151 Students who fail to obtain credit for a year of the course, and who are permitted by the co-ordinating committee to repeat that year, must comply with all the normal course requirements for the year, and will not be given credit for any modules or subjects already passed.

Students may not repeat any academic year more than once and may not repeat more than two academic years, except by special permission of the University Council.

152 Notwithstanding the provisions of any other regulation of the co-ordinating committee for this course (which is a joint committee with the Dublin Institute of Technology), the co-ordinating committee may recommend to the University Council the exclusion, at any stage, from the course of any student whose progress or performance is unsatisfactory or to the Board of Trinity College the exclusion of any student whose conduct is unsatisfactory.

## **Junior Freshmen**

### *Modules*

153 The modules of the Junior Freshman year are biochemistry, cell biology 1, cell biology 2, chemistry for human nutrition, communications, food studies, microbiology/immunology, physics and the human body, physiology 1, physiology 2 and statistics for the nutritional sciences.

### *Examinations*

154 Examinations are held in biochemistry, cell biology 1, cell biology 2, chemistry for human nutrition, communications, food studies, microbiology/immunology, physics and the human body, physiology 1, physiology 2 and statistics for the nutritional sciences. All modules will also be assessed by continuous assessment and/or practical work.

155 Students failing a module or modules should refer to the examination and assessment regulations of the Dublin Institute of Technology.

## **Senior Freshmen**

### *Modules*

156 The modules of the Senior Freshman year are biochemistry, behavioural science, cell

biology, clinical chemistry, communications, nutrition science 1, nutrition science 2, nutrition through the life cycle, physiology, physiology/immunology, professional practice studies. A practical placement of four weeks' duration (practice placement A) will be completed during the summer vacation prior to the beginning of the Senior Freshman year.

#### *Examinations*

157 Examinations are held in biochemistry, behavioural science, cell biology, clinical chemistry, communications, nutrition science 1, nutrition science 2, nutrition through the life cycle, physiology, physiology/immunology, professional practice studies. All modules will also be assessed by continuous assessment and/or practical work.

158 Students failing a module or modules should refer to the examination and assessment regulations of the Dublin Institute of Technology.

### **Junior Sophisters**

#### *Modules*

159 The modules of the Junior Sophister year are nutrition and metabolism, applied nutrition, dietetics 1, dietetics 2, management, medical science, medicine and therapeutics and research methods 1 (epidemiology). The year begins with a practical placement/consolidation period of twelve weeks' duration (practice placement/consolidation B). The consolidation period includes a short inter-professional learning course.

#### *Examinations*

160 Examinations are held in nutrition and metabolism, applied nutrition, dietetics 1, dietetics 2, management, medical science, medicine and therapeutics and research methods 1 (epidemiology). All modules will also be assessed by continuous assessment and/or practical work.

161 Students failing a module or modules should refer to the Trinity College Dublin examinations and general assessment regulations in addition to the assessment and progression regulations specified in the course documents.

162 Performance in five modules taken in this year (nutrition and metabolism, applied nutrition, dietetics 1, dietetics 2 and medicine and therapeutics) will contribute to the final degree award (300 marks of the final aggregate maximum of 1,000). If a candidate successfully completes one or more supplemental examinations in these modules, results from the modules involved will be returned at 50 per cent for the purpose of calculating the degree aggregate results.

### **Senior Sophisters**

#### *Modules*

163 The modules of the Senior Sophister year are practical placement C, consolidation C, advanced professional studies, research methods 2 and a research project.

164 The year begins with the practical placement period of twelve weeks' duration, followed by a consolidation period.

165 The full-time research project, of twelve weeks in duration, may be laboratory, hospital, or community based. Opportunities exist for some students to undertake projects abroad in European partner institutions under the ERASMUS scheme or in institutions outside Europe with which exchange agreements have been made.

#### *Examinations*

166 Examinations are held in the practice of dietetics and in the practice of nutritional science. All modules will also be assessed by continuous assessment.

167 The research project will be assessed by examination of the undergraduate dissertation and by assessment of an oral presentation and defence of the research findings.



168 Performance in modules taken in this year contribute a majority of the marks determining the grade of the final degree award (700 marks of the final aggregate maximum of 1,000).

169 Students failing a module or modules should refer to the Trinity College Dublin examinations and general assessment regulations in addition to the assessment and progression regulations specified in the course documents.

## DEGREE OF BACHELOR IN SCIENCE (HUMAN HEALTH AND DISEASE) (B.Sc. (Hom. Val.))

### *Regulations<sup>3</sup>*

170 The School of Medicine, in partnership with the School of Biochemistry and Immunology, offers a four-year course in human health and disease designed to provide an integrated education in structure and function of the human body, mechanisms of disease and the design of novel therapies. The course will emphasise the links between the scientific disciplines and the diagnosis, treatment and prevention of human disease.

The course is a full-time course leading to the award of a B.Sc. degree in Human Health and Disease.

### *Fees*

171 See COLLEGE CHARGES.

### *Academic progress*

172 Attendance is mandatory for all course components including lectures, practical classes and tutorials during the Junior Freshman year. Students must thereafter attend lectures regularly and are required to attend all practical classes and tutorials and perform and submit the assignments prescribed for the year. Details on assessment will be made available to students at the beginning of the academic year.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory.

To pass each year of the course, students must achieve a credit weighted average mark of 40 per cent or higher for the year and accumulate 60 credits by passing all modules outright or through passing by compensation, where permitted. To pass by compensation students must either pass modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass modules totalling 50 credits and achieve a minimum mark of 35 per cent in the failed module or modules.

Students who do not pass at the annual examination session, either outright or by compensation, must complete supplemental assessments in all modules in which they did not achieve a mark of at least 40 per cent. Supplemental examinations are not available in the Senior Sophister year.

Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

### *Examinations*

173 Details of the structure and marking of examinations are made available to students at the beginning of each academic year.

Students who are unsuccessful at the annual examinations in the Junior Freshman, Senior Freshman and Junior Sophister years will be required to present themselves at a supplemental

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<sup>3</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

examination before the beginning of Michaelmas teaching term. Supplemental examinations are not available in the Senior Sophister year.

Students who fail to obtain credit for a year of the course and who are permitted by the court of examiners to repeat the year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed. Repetition requires full attendance at lectures and at other academic and practical instruction.

Students may not repeat any academic year more than once and may not repeat more than two academic years, except by special permission of the University Council.

## **Junior Freshmen**

### *Modules*

174 Compulsory modules for the Junior Freshman year are introductory human cell biology and genetics (10 credits), human health and disease tutorials I (10 credits), chemical principles and properties (10 credits), mathematical methods (10 credits), human tissue types (5 credits), human developmental biology (5 credits) and science and scientific thinking (5 credits). A further 5 elective credits are taken in a Broad Curriculum or language module.

### *Examination*

175 All Junior Freshman students must present themselves for examination at specified times in all terms. Modules will be assessed by examination and/or in-course assessment. To gain a pass in the Junior Freshman examination, students must pass all modules outright or pass by compensation as described above. The modules introductory human cell biology and genetics, human tissue types and human developmental biology cannot be passed by compensation.

## **Senior Freshmen**

### *Modules*

176 Compulsory modules for the Senior Freshman year are cell structure and function (5 credits), metabolism (5 credits), the human body-structures and systems 1 and 2 (30 credits), research design and analysis (5 credits), microbiology and immunology (5 credits) and human health and disease tutorials II (5 credits). A further 5 elective credits are taken in a Broad Curriculum or language module.

### *Examination*

177 All Senior Freshman students must present themselves for examination at specified times in all terms. Modules will be assessed by examination and/or in-course assessment. To gain a pass in the Senior Freshman examination, students must pass all modules outright or pass by compensation as described above. The human body-structures and systems 1 and 2 module cannot be passed by compensation.

## **Junior Sophisters**

### *Modules*

178 Compulsory modules for the Junior Sophister year are molecular and systems pharmacology (10 credits), introduction to clinical medicine (10 credits), cell function in health and disease (5 credits), biomedical research in action (10 credits), nutrition and metabolism (5 credits), exercise in disease prevention and patient rehabilitation (5 credits), the biology of neurodegenerative and psychiatric disease (5 credits), fundamental and applied immunology (5 credits) and signal transduction and gene regulation (5 credits).

### *Examination*

179 All Junior Sophister students must present themselves for examination at specified times in all terms. Modules will be assessed by examination and/or in-course assessment. No module can be passed by compensation; to gain a pass in the Junior Sophister examinations all modules must be passed outright.

## Senior Sophisters

### *Modules*

180 All students will undertake a research project of three months in duration and relevant to human health and disease (20 credits). Compulsory taught modules are molecular haematology and oncology (5 credits), molecular diagnostics and therapeutics (5 credits), physiological measurement (5 credits), integrative pathophysiology (10 credits), measuring and reporting on population health (5 credits) and advanced tutorials in human health and disease (10 credits).

### *Examination*

181 All Senior Sophister students must present themselves for examination at specified times in all terms. Modules will be assessed by examination, in-course assessment and preparation of a written research dissertation. Final assessment in the Senior Sophister year includes a *viva voce* examination with an external examiner.

To pass the degree examination students must pass all modules outright or pass by compensation as described above. The research project and advanced tutorials in human health and disease modules cannot be passed by compensation.

Successful candidates at the degree examinations for the Bachelor in Science (Human Health and Disease) are placed within three classes: first class honors, second class honors (with two divisions, first and second) and third class honors.

## DEGREE OF BACHELOR IN SCIENCE (DIAGNOSTIC RADIOGRAPHY) JOINTLY AWARDED WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY

### *Admission onto the one year joint degree in diagnostic radiography programme*

182 Course Requirements: The course requirements are a diploma (normally no more than three years since completion) in Diagnostic Radiography from Nanyang Polytechnic and a GPA of at least 2.8. Applicants who are qualified diagnostic radiographers and have the Diploma in Diagnostic Radiography from Nanyang Polytechnic with a GPA score of less than 2.8 may be considered for admission where they possess suitable relevant work experience and other academic achievements as determined by Trinity College Dublin to be suitable for admission. Police clearance from Singapore is required, as is a valid visa, in order to register on the course and students will be required to send a copy of same to Trinity in order that students can attend clinical placements. In addition police clearance from any jurisdiction lived in for greater than six months after the age of fifteen years is required for registration. There is no English language requirement as students entering the course will have completed the three years in Singapore through English. Students will register with both Trinity College Dublin and Singapore Institute of Technology.

### *Precautions against infectious diseases*

183 In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner prior to registration to certify their vaccination status or immunity to tuberculosis, measles, rubella and chickenpox.

A negative hepatitis B test result is not a prerequisite for preregistration for students studying diagnostic radiography – therefore students do not need to produce a negative hepatitis B s-antigen (HBsAg) and negative anti-hepatitis B core antigen result before registration. After registration all students must either demonstrate immunity to hepatitis B to the satisfaction of the College Health Service or undergo a course of vaccination. To demonstrate immunity students will be required to undergo a seroconversion test to determine the effectiveness of their immunity. Depending on the result of this test the College Health Service may require students to undergo a series of booster vaccinations.

If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Medicine reserves the

right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted.

All costs associated with tests for infectious diseases and vaccination must be met by the student.

Registered students in diagnostic radiography must be free of any life threatening infectious condition that could be transmitted to a patient or fellow health worker. Such conditions include hepatitis B, hepatitis C, pulmonary tuberculosis, chickenpox and measles. In the event of a student becoming aware of such a condition they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

At the start of the academic year, each student receives written advice and guidance on matters relating to health e.g. in regard to hepatitis B and tuberculosis.

#### *Professional lectures*

184 Students are required to attend all scheduled lectures, practicals, and clinical placements, and to perform the assignments (examinations, essays, tutorials or practical/clinical work) prescribed for the year. Unsatisfactory attendance in individual modules may result in the student being returned as non-satisfactory to the Senior Lecturer. Such students may be refused permission to take the annual examinations and may be required to repeat the year.

Students who fail to obtain credit for the year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year, and will not, except in exceptional circumstances, be given credit for any module or modules already passed.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Course regulations and details of examinations/markings are provided for every student at the beginning of the academic year.

The ECTS value for the one-year degree course is 60 credits.

#### *Modules*

185 The modules for the year are global health and service development in diagnostic radiography (10 credits), critical appraisal and evidence based practice (20 credits), advanced image interpretation (10 credits), professional development and leadership in diagnostic radiography (5 credits) and advances in radiography practice (15 credits).

#### *Examinations*

186 All modules are examined by the end of the academic year. All students must present themselves for examination at specified times throughout the academic year and must submit all project work and assignments at the designated times as specified in the student handbook.

Regulations for each module are outlined in the student handbook. Students must complete all the assessment components of each module in order to be awarded an overall pass grade for each module. No compensation is allowed between modules at annual or supplemental examinations.

To pass the year students must achieve an overall credit-weighted average of at least 40 per cent (grade III) and accumulate 60 credits by passing all modules outright. Students who fail one or more parts of the assignments will be required to repeat the relevant examination(s) and/or resubmit the relevant assignment(s) at the supplemental examination which is held in Michaelmas term. Modules are weighted according to their credit values in the calculation of the final degree mark. Assessment weightings within modules are outlined in the students' handbook.

In cases of failure at the annual examination session, the assessment, progression and compensation regulations are applied at the supplemental session in the same way as during the annual session, though the assessment methods may differ. Where assessments count towards

the award, any assessment component in which a student supplements will be capped at 40 per cent.

Students who fail at the supplemental examinations may, in certain circumstances, be permitted to go 'off books' for a year and retake the examination(s) or resubmit the failed assignment(s) the following Hilary term as appropriate.

## SPECIAL LECTURES

### MARY LOUISA PRENTICE MONTGOMERY LECTURESHIP IN OPHTHALMOLOGY

187 This lectureship was founded in 1915 by the bequest of Robert John Montgomery, M.B., F.R.C.S.I. The conditions of tenure (which may be modified from time to time) are that the lecturer is appointed for one year, and is eligible for re-appointment year by year for a period not to exceed five years. The appointment rests, for alternating periods of five years, with Trinity College and the Royal College of Surgeons in Ireland. (The right of appointment rests with Trinity College for the period 2016-20.)

### JOHN MALLET PURSER LECTURESHIP

188 In June 1930 Miss Sarah H. Purser, R.H.A., presented a sum of £2,000 to establish an annual lecture or lectures on some scientific subject in which her brother, the late Dr John Mallet Purser, had been interested.

A lecturer should be appointed each year, and the nomination of the lecturer and the suggestion of the subject should be made to the Board of the College by a committee comprising the Professors of Physiology, Anatomy and Pathology. All other details are at the discretion of the Board of the College in consultation with this committee.

Dr John Mallet Purser held the King's Professorship of the Institutes of Medicine from 1874 to 1901, and was Regius Professor of Physic from 1917 to 1925. He lectured on physiology, histology and practical anatomy.

### FREDERICK PRICE LECTURESHIP

189 In 1946, Frederick W. Price, M.D. (EDIN.), F.R.C.P., presented the sum of £750 to establish a Frederick Price Lectureship in the School of Medicine, Trinity College, with the object of promoting a closer association with the medical faculties of the other universities in Great Britain and Ireland.

A lecturer under this benefaction is appointed biennially.

### T.J.D. LANE LECTURESHIP

190 In 1968-9 members of the Meath Hospital and Trinity College raised a fund to commemorate Mr T. J. D. Lane, who had established the Urological Department at the Meath Hospital and who had been lecturer in urology in Trinity College. The purpose of the lectureship is to encourage the development of urology and to provide a stimulus to research in all aspects of the speciality.

The lecturer is appointed annually or at such other intervals as may be agreed by the Meath Hospital and Trinity College jointly on the nomination of a committee representing the hospital and the College.

## IV SCHOOL OF NURSING AND MIDWIFERY

1 All students are expected to comply with the code of conduct for nursing and midwifery students of the School of Nursing and Midwifery and with the regulations of the College.

### *General regulations for practice placements*

2 Students of the School of Nursing and Midwifery are expected, while on practice placements, to comply with the code of conduct for nursing and midwifery students of the School of Nursing and Midwifery, with the disciplinary rules of the health service provider where the placement is

located and with the regulations of Trinity College Dublin relating to student conduct (see GENERAL REGULATIONS AND INFORMATION, CONDUCT AND COLLEGE REGULATIONS). When on practice placements students are reminded that the patients' or clients' interests and safety, and their right to confidentiality and privacy take precedence over students' education. Health service providers have the right to refuse a student/students access to their practice areas for educational purposes pending the investigation of or as a result of a breach of the above code, rules or regulations. Where a health service provider has permanently refused a student access to their practice area following full disciplinary procedures, it will not be possible for students to continue their course in the School of Nursing and Midwifery.

Breaches of the code of conduct, the health service provider disciplinary rules, or the College regulations may result in a temporary or permanent suspension from the practice area, or in expulsion from the course. Any such breaches will be referred, in the first instance, to the director of the relevant course. If College regulations have been breached, the matter will be reported to the Junior Dean and notified to the director of the relevant course for consideration of the implications for the student continuing in practice while the alleged breach of regulations is being investigated. Breaches of the code of conduct and/or the disciplinary rules of the health service provider while on practice placement will be regarded as a breach of College regulations and will be referred to the director of the relevant course in the first instance and thereafter may be referred to the Fitness to Practise Committee.

Students suspended from a practice placement for any period shall be deemed as not completing the requirement for that particular placement and will be required to make up this time during the vacation or before progression onto the next year or completion of the course.

#### *Precautions against infectious diseases*

3 Students accepted on to preregistration undergraduate nursing and midwifery courses in the School of Nursing and Midwifery, prior to the first practice placement, must be immunised against hepatitis B, measles, rubella, tuberculosis and chickenpox unless immunity as a result of natural infection or previous vaccination has been documented. Screening and vaccination will be organised by the health service provider responsible for the practice area where the student is going on placement. Some health service providers may require students to be screened for additional conditions for example MRSA. Nursing students and midwifery students will not be permitted to commence practical clinical experience until they have completed the course of vaccination.

4 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to these courses, the School of Nursing and Midwifery reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted.

5 On the B.Sc. (Cur.) and B.Sc. (A. Obs.) degree courses, relevant health service providers are responsible for the nursing and midwifery students' hepatitis B tests and vaccination programme. Costs may however be incurred by students if they do not attend the scheduled vaccination times.

6 Registered students in nursing and midwifery must be free of any life threatening infectious condition that could be transmitted to a patient or fellow health worker. Such conditions include hepatitis B, hepatitis C, pulmonary tuberculosis, chickenpox and measles. In the event of a student becoming aware of such a condition they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

#### DEGREE OF BACHELOR IN SCIENCE (NURSING) (B.Sc. (Cur.))

7 The School of Nursing and Midwifery, in conjunction with St James's Hospital and Tallaght Hospital, offers a four-year course in nursing studies leading on successful completion to general

nurse registration with Bord Altranais agus Cnáimhseachais na hÉireann and a degree in nursing awarded by the University of Dublin.

8 The School of Nursing and Midwifery, in conjunction with the Health Service Executive Dublin Mid-Leinster Area and St Patrick's University Hospital, offers a four-year course in psychiatric nursing leading on successful completion to registration with Bord Altranais agus Cnáimhseachais na hÉireann as a psychiatric nurse and a degree in nursing awarded by the University of Dublin.

9 The School of Nursing and Midwifery, in conjunction with Stewarts, Dublin and the Muiríosa Foundation, Moore Abbey, Monasterevin, offers a four-year course in intellectual disability nursing leading on successful completion to registration with Bord Altranais agus Cnáimhseachais na hÉireann as an intellectual disability nurse and a degree in nursing awarded by the University of Dublin.

10 The School of Nursing and Midwifery, in conjunction with Tallaght Hospital, offers a four and a half year course in children's and general nursing leading on successful completion to registration with Bord Altranais agus Cnáimhseachais na hÉireann as a children's nurse and a general nurse and a degree in nursing awarded by the University of Dublin.

#### *Fees*

11 See COLLEGE CHARGES.

#### *Academic progress*

12 The course consists of four years (four and a half years in the case of children's and general nursing) and involves an integrated programme of practical and theoretical study. Students may not repeat any academic year more than once and may not repeat more than two academic years, except by special permission of the University Council. In the School of Nursing and Midwifery, this regulation also includes years repeated on an off-books, examination-only basis. In order to qualify for the award of the degree, students are required to pass all assessments and professional placements in their entirety within eighteen months from the date on which they first became eligible to present for their final year degree examinations. The Senior Sophister (and final year in the case of children's and general nursing) can only be repeated on an off-books, examination-only basis. A Senior Sophister student, who, after completion of the supplemental examinations (theoretical and/or practical), has failed any of the supplemental examinations, may apply to the Senior Lecturer to go 'off-books, examination-only' and repeat theory modules only in the next year or withdraw from the Bachelor in Science (Nursing) course. Up to a maximum of two consecutive years off-books is permissible. Requests made to the Senior Lecturer for permission to go off books for a period in excess of this or for re-admission to the course following such an extended period will not be supported by the School of Nursing and Midwifery. In certain cases students who have been off-books for any duration may be required to undertake a professional re-orientation programme before returning to the course.

For professional reasons attendance at lectures, tutorials and practice placement is compulsory. Attendance at theory classes will be monitored and where a student's attendance is unsatisfactory, the school may request the Senior Lecturer to refuse permission for the student to sit annual examinations. Students who are absent from compulsory training sessions such as manual handling, non-violent crisis prevention intervention, first aid, handwashing etc. will be permitted to attend a second training session only in exceptional circumstances such as certified illness. Students failing to attend these training sessions will be required to arrange and attend approved external training sessions at their own expense. Failure to complete these sessions within the correct time-frame will result in students not being permitted to attend practice placement.

Students are required to attend all laboratory practicals and perform the exercises (examinations, essays, projects, tutorial work and practical work) prescribed for the year. Students must pass both theoretical and practice components in order to rise with the year. On

successful completion of the theoretical and practice components of the course students will be awarded a degree in nursing and may apply for registration on the appropriate division of the register with Bord Altranais agus Cnáimhseachais na hÉireann.

Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed; this applies to both theory and practice. Successfully passed specialist placements will be replaced in the repeat year by non-specialist placements.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. School regulations and details of examinations, assessments, module weightings and marking schemes are provided to students at the beginning of each academic year.

### *Modules*

13 The ECTS credits for the B.Sc. (Cur.) course are 240. The ECTS credits for the children's and general nursing course are 285. The ECTS credits for each module are listed in brackets below.

#### **Junior Freshmen**

##### GENERAL NURSING

Scientific basis for nursing (5 credits); introduction to psychology (5 credits); the sociology of health and illness (5 credits); health promotion and research (5 credits); communication and essential skills for nursing practice (5 credits); foundations of nursing (5 credits); introduction to general nursing (10 credits); nursing in specialist services (5 credits); community nursing and care of the older person (5 credits); practice placement (10 credits). Total credits for the year: 60

##### MENTAL HEALTH NURSING

Scientific basis for nursing (5 credits); introduction to psychology (5 credits); the sociology of health and illness (5 credits); health promotion and research (5 credits); communication and essential skills for nursing practice (5 credits); foundations of nursing (5 credits); understanding mental health and mental health nursing (10 credits); recognising mental distress/illness (5 credits); psychotherapeutic skills and mental health nursing (5 credits); practice placement (10 credits). Total credits for the year: 60

##### INTELLECTUAL DISABILITY NURSING

Scientific basis for nursing (5 credits); introduction to psychology (5 credits); the sociology of health and illness (5 credits); health promotion and research (5 credits); communication and essential skills for nursing practice (5 credits); foundations of nursing (5 credits); introduction to the person with intellectual disability (10 credits); holistic understandings of care (5 credits); approaches to nursing practice (5 credits); practice placement (10 credits). Total credits for the year: 60

##### CHILDREN'S AND GENERAL NURSING

Scientific basis for nursing (5 credits); introduction to psychology (5 credits); the sociology of health and illness (5 credits); health promotion and research (5 credits); communication and essential skills for nursing practice (5 credits); foundations of nursing (5 credits); introduction to general nursing (10 credits); nursing in specialist services (5 credits); community nursing and care of the older person (5 credits); introduction to children's nursing (5 credits); practice placement (10 credits). Total credits for the year: 65



## Senior Freshmen

### GENERAL NURSING

Elective/Broad Curriculum (5 credits); professional concepts for nursing (5 credits); advanced anatomy and physiology (5 credits); foundations of disease and pharmacological intervention (5 credits); the sociology of health and illness (5 credits); psychological themes for nurses (5 credits); general nursing 1 (5 credits); general nursing 2 (5 credits); general nursing 3 (5 credits); general nursing 4 (5 credits); practice placement (10 credits). Total credits for the year: 60

### MENTAL HEALTH NURSING<sup>4</sup>

Elective/Broad Curriculum (5 credits); professional concepts for nursing (5 credits); advanced anatomy and physiology (5 credits); psychopharmacology (5 credits); the sociology of health and illness (5 credits); psychological themes for nurses (5 credits); psychotherapeutic approaches and mental health nursing (5 credits); working with the older person (5 credits); mental health nursing in the community (5 credits); facilitating physical health and wellbeing in mental health (5 credits); practice placement (10 credits). Total credits for the year: 60

### INTELLECTUAL DISABILITY NURSING

Elective/Broad Curriculum (5 credits); professional concepts for nursing (5 credits); advanced anatomy and physiology (5 credits); the sociology of health and illness (5 credits); psychological themes for nurses (5 credits); the lifespan of the person with intellectual disability (5 credits); concepts of intellectual disability (5 credits); frameworks for intellectual disability: policy and practice perspectives (5 credits); physical ill health in persons with an intellectual disability 1 (10 credits); practice placement (10 credits). Total credits for the year: 60

### CHILDREN'S AND GENERAL NURSING

Elective/Broad Curriculum (5 credits); professional concepts for nursing (5 credits); advanced anatomy and physiology (5 credits); foundations of disease and pharmacological intervention (5 credits); the sociology of health and illness (5 credits); psychological themes for nurses (5 credits); general nursing 1 (5 credits); general nursing 2 (5 credits); general nursing 3 (5 credits); general nursing 4 (5 credits); healthcare needs of child and family (10 credits); practice placement (10 credits). Total credits for the year: 70

## Junior Sophisters

### GENERAL NURSING

Elective/Broad Curriculum (5 credits); research for nursing practice 3 (5 credits); advanced biological sciences and clinical skills (5 credits); psychology and sociology as applied to nursing (5 credits); general nursing 5 (5 credits); general nursing 6 (5 credits); acute care nursing (5 credits); practice placement (25 credits). Total credits for the year: 60

### MENTAL HEALTH NURSING<sup>4</sup>

Elective/Broad Curriculum (5 credits); research for nursing practice 3 (5 credits); working with people who experience multiple and complex needs and clinical skills (5 credits); psychology and sociology as applied to nursing (5 credits); introduction to the needs of specialist client groups (5 credits); working with enduring mental health problems (5 credits); clinical risk assessment and management in mental health nursing (5 credits); practice placement (25 credits). Total credits for the year: 60

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<sup>4</sup> The Psychiatric Nursing strand was renamed Mental Health Nursing in 2014/15, therefore incoming Junior and Senior Freshmen students in 2015/16 are coded to the Mental Health Nursing strand. Junior Sophister and Senior Sophister students in 2015/16 remain coded to the Psychiatric Nursing strand.

#### INTELLECTUAL DISABILITY NURSING

Elective/Broad Curriculum (5 credits); research for nursing practice 3 (5 credits); physical ill health in persons with an intellectual disability 2: part A (5 credits); physical ill health in persons with an intellectual disability 2: part B (5 credits); psychology and sociology as applied to nursing (5 credits); therapeutic interventions for care 2 (5 credits); frameworks for intellectual disability practice 2 (5 credits); practice placement (25 credits). Total credits for the year: 60

#### CHILDREN'S AND GENERAL NURSING

Elective/Broad Curriculum (5 credits); research for nursing practice 3 (5 credits); advanced biological sciences and clinical skills (5 credits); psychology and sociology as applied to nursing (5 credits); general nursing 5 (5 credits); general nursing 6 (5 credits); acute care nursing (5 credits); the sick child (5 credits); practice placement (20 credits). Total credits for the year: 60

### Senior Sophisters

#### GENERAL NURSING

Management and health policy (5 credits); growth and development for professional practice (5 credits); literature review (10 credits); chronic illness, rehabilitation, palliative care and pain management (5 credits); practice placement (35 credits). Total credits for the year: 60

#### MENTAL HEALTH NURSING<sup>4</sup>

Management and health policy (5 credits); growth and development for professional practice (5 credits); literature review (10 credits); contemporary issues in mental health nursing (5 credits); practice placement (35 credits). Total credits for the year: 60

#### INTELLECTUAL DISABILITY NURSING

Management and health policy (5 credits); growth and development for professional practice (5 credits); literature review (10 credits); contemporary issues in intellectual disability nursing (5 credits); practice placement (35 credits). Total credits for the year: 60

#### CHILDREN'S AND GENERAL NURSING

Management and health policy (5 credits); literature review (10 credits); chronic illness, rehabilitation, palliative care and pain management (5 credits); the adolescent and their family – the healthy child (5 credits); contemporary aspects of children's nursing (5 credits); continuing health care (children's nursing) (5 credits); practice placement (10 credits). Total credits for the year: 45

### Fifth Year

#### CHILDREN'S AND GENERAL NURSING

Growth and development for professional practice (5 credits); practice placement (40 credits). Total credits for the year: 25

#### *Examinations*

14 Modules are weighted according to their credit values in the calculation of the end-of-year average mark. Students must pass both theory and practice components of the course. There is no compensation between theory and practice components of the course. The pass mark is 50 per cent. Off-books, examinations-only students who resit/resubmit a failed assessment will have this assessment capped at 50 per cent in line with supplemental examination/resubmission regulations.

*Theoretical component:* The theoretical component of the course is assessed by a variety of assessment types. At the discretion of the court of examiners, compensation may be allowed between certain theoretical components for the annual sitting only. Compensation will not be allowed at the supplemental sitting.

*Practice component:* The practice component of the course is assessed by competency documents. A practice placement will not be deemed to be complete unless:

- (i) a completed competency document is submitted by the published deadline;
- (ii) all the required hours are complete;
- (iii) all the required levels of competence have been met.

The calculation of the final degree result for the strands in general nursing, mental health nursing and intellectual disability nursing is based on the combined results of the Sophister years with the Junior Sophister year contributing 35 per cent and the Senior Sophister year contributing 65 per cent.

The calculation of the final degree result for children's and general nursing is based on the final three years of the course with the third year contributing 30 per cent, the fourth year 65 per cent and the final (half-year) 5 per cent.

#### *Practice placement*

15 Students must be registered with College before commencing practice placement in any year of the course. Practice placements will take place throughout the four years of the course (four and a half years in the case of the children's and general nursing course). 100 per cent attendance is compulsory in all practice placements. Absences from practice placement will be rescheduled only in exceptional circumstances such as certified illness. Practice placement will only be rescheduled once, at the discretion of the Allocations Officer and the health service provider. Placements may occur outside the planned schedule at the discretion of the School of Nursing and Midwifery.

#### *B.Sc. (Cur.) course*

Practice placements for Junior Freshmen may consist of up to ten weeks supernumerary practice placement(s) in Hilary term. Practice placements for Senior Freshmen may consist of up to four weeks supernumerary practice placement(s) in Michaelmas term and ten weeks supernumerary in Hilary and Trinity terms. Practice placements for Junior Sophisters may consist of up to fourteen weeks supernumerary practice placement(s) in Michaelmas term and four weeks after the annual examination period. Practice placements for Senior Sophisters will consist of six weeks supernumerary practice placement(s) in Michaelmas term and a nine-month internship starting in Hilary term. Students will be remunerated accordingly by the relevant health service provider during rostered/internship placement.

#### *Children's and general nursing integrated course*

Practice placement for children's and general nursing integrated course for Junior Freshmen may consist of up to twelve weeks supernumerary practice placement(s) within Hilary term and following the annual examination period. Practice placements for Senior Freshmen may consist of up to four weeks supernumerary practice placement(s) in Michaelmas term and ten weeks supernumerary in Hilary and Trinity terms and following the annual examination period. Practice placements for Junior Sophisters may consist of up to twelve weeks supernumerary practice placement(s) in Michaelmas term and six weeks following the annual examination period. Practice placements for the Senior Sophister year will consist of four weeks supernumerary practice placement(s) in Michaelmas term, fourteen weeks supernumerary in Hilary term with a nine-month internship starting at the annual examination period and following into fifth year. Students will be remunerated accordingly by the relevant health service provider during internship placement.

#### *Transference of course*

16 Students may transfer between the four disciplines of the course if they fulfil the relevant criteria and if places are available (see GENERAL REGULATIONS AND INFORMATION).

#### DEGREE OF BACHELOR IN SCIENCE (MIDWIFERY) (B.Sc. (A. Obs.))

17 The School of Nursing and Midwifery, in conjunction with the Rotunda Hospital and the  
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Coombe Women and Infants University Hospital, offers a four-year course in midwifery leading on successful completion to eligibility to apply for registration on the midwives division of the register maintained by Bord Altranais agus Cnáimhseachais na hÉireann and a degree in midwifery awarded by the University of Dublin.

### *Fees*

18 See COLLEGE CHARGES.

### *Academic progress*

19 The course consists of four years and involves an integrated programme of practical and theoretical study. Students may not repeat any academic year more than once and may not repeat more than two academic years, except by special permission of the University Council. In the School of Nursing and Midwifery, this regulation also includes years repeated on an off-books, examination-only basis. Students must pass both theoretical and practice components in order to rise with the year. In order to qualify for the award of the degree, students are required to pass all assessments and professional practice placements in their entirety within eighteen months from the date on which they first became eligible to present for their Senior Sophister degree examinations. The Senior Sophister year cannot be repeated in full. A Senior Sophister student, who, after completion of the supplemental examinations (theoretical and/or practice placement), has failed any of the supplemental examinations, may apply to the Senior Lecturer to go 'off-books, examination-only' and repeat theory modules only in the next year or withdraw from the Bachelor in Science (Midwifery) course. The internship cannot be repeated on an off-books, examination-only basis. On successful completion of the totality of the course students will be awarded a degree in midwifery and may apply for registration on the midwives division of the register maintained by Bord Altranais agus Cnáimhseachais na hÉireann. Up to a maximum of two consecutive years off-books is permissible. Requests made to the Senior Lecturer for permission to go off books for a period in excess of this or for re-admission to the course following such an extended period will not be supported by the School of Nursing and Midwifery. In certain cases students who have been off-books for any duration may be required to undertake a professional re-orientation programme before returning to the course.

Attendance at all timetabled sessions both theory and practice is compulsory and will be monitored. Where a student's attendance is unsatisfactory, the school may request the Senior Lecturer to refuse permission for the student to sit annual examinations. Students who are absent from compulsory training sessions will be permitted to attend a second training session only in exceptional circumstances such as certified illness. Students failing to attend these training sessions will be required to arrange and attend approved external training sessions at their own expense. Failure to complete these sessions within the correct time-frame will result in students not being permitted to attend practice placement.

Students who fail to obtain credit for a year of the course, and who are permitted to repeat that year, must comply with all the normal course requirements for the year, and will not be given credit for any module or modules already passed; this applies to both theory and practice.

Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. School regulations and details of examinations, assessments, module weightings and marking schemes are provided to students at the beginning of each academic year.

### *Modules*

20 The course will include the study, both theory and practice, of: midwifery practice – knowledge and skills; communication and interpersonal skills; professional, personal, ethical and legal issues; knowledge base for midwifery practice to include: biological sciences, psychology, pharmacology, non-pharmaceutical approaches; sociology for midwifery practice; research;

health promotion; maternal and social care services in Ireland. The ECTS credits for the course are 240. The ECTS credits for each module are listed in brackets below.

### **Junior Freshmen**

Foundation skills for midwifery practice (15 credits); sociology and sharing the woman's experience (10 credits); sources of midwifery knowledge (10 credits); biology: scientific basis for midwifery (5 credits); introduction to psychology (5 credits); midwifery practice 1 (5 credits); midwifery practice 2 (5 credits); midwifery practice 3 (5 credits). Total credits for the year: 60

### **Senior Freshmen**

Core midwifery and adaptation in pregnancy (15 credits); midwifery practice: unexpected outcomes of pregnancy and childbirth 1 (5 credits); midwifery practice: pre-existing pathophysiology and pharmacology principles (10 credits); lactation and infant feeding (5 credits); midwifery research – awareness (5 credits); birth, motherhood and midwifery: context and 'knowledges' (5 credits); midwifery practice 4 (5 credits); specialist practice placement 1 (5 credits); specialist practice placement 2 (5 credits). Total credits for the year: 60

### **Junior Sophisters**

Elective/Broad Curriculum (5 credits); midwifery research – evidence for midwifery practice (5 credits); health and health promotion (5 credits); ethical and legal issues (5 credits); pharmacology for midwifery practice (5 credits); midwifery practice: unexpected outcomes of pregnancy and childbirth 2 (10 credits); protecting and promoting normal birth (5 credits); delivering a quality maternity service (5 credits); midwifery practice 5 (5 credits); specialist practice placement 3 (5 credits); midwifery practice 6 (5 credits). Total credits for the year: 60

### **Senior Sophisters**

Midwifery/specialist practice placement (5 credits); 'bringing it all together' (10 credits); being a midwife – personal and professional development (5 credits); dissertation (10 credits); midwifery practice: internship (30 credits). Total credits for the year: 60

#### *Examinations*

21 Modules are weighted according to their credit values in the calculation of the end-of-year average mark. Students must pass both theory and practice components of the course. There is no compensation between theory and practice components of the course. The pass mark is 50 per cent. Off-books, examinations-only students who resit/resubmit a failed assessment will have this assessment capped at 50 per cent in line with supplemental examination/resubmission regulations.

The calculation of the degree result for students who entered the course prior to 2014/15 is based on all four years of the course with the Junior Freshman year contributing 10 per cent, the Senior Freshman year 10 per cent, the Junior Sophister year 40 per cent and the Senior Sophister year 40 per cent. The calculation of the degree result for students who entered the course in 2014/15, and thereafter, will be based on the Sophister years only, with the Junior Sophister year contributing 35 per cent and the Senior Sophister year contributing 65 per cent.

#### *Practice placement*

22 Students must be registered with College before commencing practice placement in any year of the course. Practice placements will take place throughout the four years of the course. Attendance is compulsory in the practice placement. Absences from the first attempt at practice placement will be rescheduled only in exceptional circumstances such as certified illness. Students must be registered with College before commencing their first practice placement. Some placements may occur outside the planned schedule at the discretion of the School of Nursing and Midwifery.

## ACCESS TO DEGREE COURSE IN NURSING

(There is no intake to this course in 2015/16)

23 Nurses already holding general, psychiatric or intellectual disability nurse registration with Bord Altranais agus Cnáimhseachais na hÉireann, or eligible for such registration, may apply for admission onto a one-year part-time modular course that commences in Michaelmas term and is offered through a blended delivery approach. Blended delivery in this instance involves educational facilitation being delivered partially through e-learning methods and partially through conventional lectures. A fee will be payable to the University of Dublin.

Applicants whose first language is not English must have completed an English proficiency examination such as TOEFL, IELTS. A copy of the examination certificate should be sent with the application form. The current pass marks for admission are: TOEFL: grade 233 (computer based), grade 570 (paper based), 90 (internet based); IELTS: grade 6.5.

Nurses with further professional and academic qualifications may be entitled to exemption from certain modules on the access course, and should contact the School of Nursing and Midwifery for information. Those who complete the access year successfully may continue on to the degree year. The structure and content of this year is as described in §24 below.

### *Modules*

Primary health care and health promotion (10 credits); personal and professional development (10 credits); philosophical, legal and ethical issues (10 credits); scientific basis for nursing (10 credits); research appreciation (20 credits)

## POST REGISTRATION DEGREE COURSE IN NURSING

(There is no intake to this course in 2015/16)

24 Candidates who have successfully completed the Diploma in Nursing Studies, the access to degree course (see §23 above) or equivalent and who hold a nurse registration with Bord Altranais agus Cnáimhseachais na hÉireann, may apply for admission onto a one-year course leading to a Bachelor in Nursing Studies degree. A fee will be payable to the University of Dublin. The course commences in Michaelmas term. The curriculum addresses the following areas: education, research, management, communication, information technology and contemporary issues in nursing practice. To be successful on the degree course, students must pass all assessments in accordance with the course regulations for the Bachelor in Nursing Studies. Students who are unsuccessful in the degree may be permitted to repeat the degree year in full, subject to the general regulations of the College on academic progress (see GENERAL REGULATIONS AND INFORMATION).

### *Modules*

Communication and the facilitation of learning for nursing practice (10 credits); contemporary issues (10 credits); health care quality and informatics (10 credits); leadership and management for nursing practice (10 credits); research methods (20 credits)

## ACCESS TO DEGREE COURSE IN MIDWIFERY

(There is no intake to this course in 2015/16)

25 Midwives holding a midwifery registration with Bord Altranais agus Cnáimhseachais na hÉireann, or eligible for such registration, may apply for admission onto a one-year part-time modular course that commences in Michaelmas term and is offered through a blended delivery approach. Blended delivery in this instance involves educational facilitation being delivered partially through e-learning methods and partially through conventional lectures. A fee will be payable to the University of Dublin.

Applicants whose first language is not English must have completed an English proficiency examination such as TOEFL, IELTS. A copy of the examination certificate should be sent with the application form. The current pass marks for admission are: TOEFL: grade 233 (computer based), grade 570 (paper based), 90 (internet based); IELTS: grade 6.5.

Midwives with further professional and academic qualifications may be entitled to exemption from certain modules on the access course, and should contact the School of Nursing and Midwifery for information. Those who complete the access year successfully may continue on to the degree year. The structure and content of this year is as described in §26 below.

#### *Modules*

Primary health care and health promotion (10 credits); personal and professional development (10 credits); philosophical, legal and ethical issues (10 credits); scientific basis for midwifery (10 credits); research appreciation (20 credits)

### POST REGISTRATION DEGREE COURSE IN MIDWIFERY

(There is no intake to this course in 2015/16)

26 Candidates who have successfully completed the midwifery registration/diploma course or the access to degree course (see §25 above) and who hold a midwife registration with Bord Altranais agus Cnáimhseachais na hÉireann, may apply for admission onto a one-year course leading to a Bachelor in Midwifery Studies degree. A fee will be payable to the University of Dublin. The course commences in Michaelmas term. The curriculum addresses contemporary issues within midwifery practice including education, research, communication and information technology. It will also address governance in midwifery and expectant midwifery practice. To complete the degree successfully, students must pass all assessments as detailed in the handbook for the Bachelor in Midwifery Studies. Students who are unsuccessful in the degree may be permitted to repeat the degree year in full, subject to the general regulations of the College on academic progress (see GENERAL REGULATIONS AND INFORMATION).

#### *Modules*

Communication and the facilitation of learning for midwifery practice (10 credits); expectant approach to midwifery (10 credits); leadership and management for nursing and midwifery practice (10 credits); governance in midwifery practice (10 credits); research methods (20 credits)

#### 27 RECOGNISED HOSPITALS AND UNITS FOR CLINICAL PRACTICE

St James's Hospital  
Tallaght Hospital  
Coombe Women and Infants University Hospital  
Dublin South Central Mental Health Service  
Kildare/West Wicklow Mental Health Service  
Dublin South East Mental Health Service  
Wicklow Mental Health Service  
Our Lady's Hospital for Sick Children, Crumlin  
Muiriosa Foundation, Moore Abbey, Monasterevin  
St Colmcille's Hospital, Loughlinstown  
St Mary's Hospital, Phoenix Park  
St Patrick's Mental Health Services  
Stewarts, Dublin  
Vergemount Hospital, Clonskeagh  
The Rotunda Hospital  
Our Lady of Lourdes, Health Service Executive – North East  
The National Maternity Hospital  
Our Lady's Hospice, Harold's Cross  
Naas General Hospital  
St Fintan's Hospital, Portlaoise  
St Francis Hospice, Raheny  
Cheeverstown House  
St Michael's House  
Daughters of Charity, Navan Road

St John of Gods, Celbridge  
St John of God Brothers, Provincial Administration, Stillorgan, Co. Dublin  
Children's University Hospital, Temple Street

*V SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES*  
REGULATIONS<sup>5</sup>

1 A new five year Pharmacy (integrated) programme has been introduced in academic year 2015/16 and this will be phased in on a year-by-year basis while the old curriculum is phased out. Students entering the course in 2015/16, and thereafter, are subject to the Pharmaceutical Society of Ireland (Education and Training) (Integrated Course) Rules 2014 (S.I. 377 of 2014).

**Junior Freshman students entering the Pharmacy (integrated) programme (new curriculum)**

The School of Pharmacy and Pharmaceutical Sciences provides a course of four years' duration leading to a degree of Bachelor in Science (Pharmacy) (B.Sc. (Pharm.)). Following the successful completion of the B.Sc. (Pharm.) degree, students are then eligible to be considered for progression to the Master in Pharmacy<sup>6</sup> course, the fifth year of education and training to become a pharmacist. The academic syllabus of the Pharmacy (integrated) programme (B.Sc. (Pharm.)) together with the Master in Pharmacy fulfils the requirements of the following:

- (i) Pharmaceutical Society of Ireland for registration purposes;
- (ii) E.U. Directive 2005/36/EC as amended which entitles the holder of the degree to recognition as a pharmacist throughout the Member States of the European Economic Area; and
- (iii) E.U. Directives 2001/82/EC and 2001/83/EC as amended which specify the academic qualifications necessary to perform the functions of 'Qualified Person' in the supervision and control of the manufacture of medicines for human and veterinary use.

Successful candidates at the B.Sc. (Pharm.) degree are placed in three classes: first class honors, second class honors and pass.

**Continuing Senior Freshman, Junior Sophister and Senior Sophister students**

The school provides a course of four years' duration leading to the degree of Bachelor in Science (Pharmacy). Following the successful completion of the B.Sc. (Pharm.) degree, students are then eligible to apply to complete the National Pharmacy Internship Programme (NPIP), the fifth year of education and training to become a pharmacist. The B.Sc. (Pharm.) degree is recognised and accredited by the Pharmaceutical Society of Ireland as the part of the required training for registration as a pharmacist. The academic syllabus fulfils the requirements of the following:

- (i) Pharmaceutical Society of Ireland for registration purposes (in conjunction with internship);
- (ii) E.U. Directive 2005/36/EC as amended which entitles the holder of the degree to recognition as a pharmacist throughout the Member States of the European Economic Area; and
- (iii) E.U. Directives 2001/82/EC and 2001/83/EC as amended which specify the academic qualifications necessary to perform the functions of 'Qualified Person' in the supervision and control of the manufacture of medicines for human and veterinary use.

Successful candidates at the B.Sc. (Pharm.) degree are placed in three classes: first class honors, second class honors (with two divisions, first and second) and third class honors.

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<sup>5</sup>These regulations should be read in conjunction with GENERAL FACULTY REGULATIONS and GENERAL REGULATIONS AND INFORMATION.

<sup>6</sup>Degree title is pending Board and Senate approval.



## Fees

2 See COLLEGE CHARGES.

## Topics of study

3 The topics studied in each year of the course are as follows:

### Junior Freshmen (new curriculum)

Physiology (5 credits)  
Cell and molecular biology (10 credits)  
Biochemistry (5 credits)  
Organic and inorganic chemistry for pharmacy (10 credits)  
Physical pharmacy I (5 credits)  
Pharmaceutical analysis I (5 credits)  
Introduction to pharmaceuticals and formulations (5 credits)  
Mathematical methods and pharmaceutical calculations (5 credits)  
Practice of pharmacy I (5 credits)  
General principles of pharmacology (5 credits)

### Senior Freshmen

Pharmaceutical properties of materials used in medicines (5 credits)  
Physical pharmacy II (5 credits)  
Isolation, separation and analysis of substances used in medicines (10 credits)  
Formulation and pharmaceutical technology (10 credits)  
Microbiology and biochemistry (5 credits)  
Practice of pharmacy II (5 credits)  
Professional development and career planning or Broad Curriculum course (5 credits)  
Pharmaceutical biotechnology I (5 credits)  
General principles of pharmacology (5 credits)  
Molecular and chemotherapeutic pharmacology (5 credits)

### Junior Sophisters

Medicinal and pharmaceutical chemistry III (10 credits)  
Natural sources of drugs and substances used in medicines (10 credits)  
Sterile products (10 credits)  
Pharmaceutical data analysis and bioinformatics (5 credits)  
Practice of pharmacy III (5 credits)  
Pharmaceutical biotechnology II (5 credits)  
Endocrine and reproductive pharmacology and veterinary pharmacy (5 credits)  
Respiratory and gastrointestinal pharmacology (5 credits)  
Blood, cardiovascular and renal pharmacology (5 credits)

### Senior Sophisters

Medicinal and pharmaceutical chemistry IV (5 credits)  
Ectoparasitocides, natural remedies and complementary medicine (5 credits)  
Advanced drug delivery (5 credits)  
Pharmacokinetics, pharmacodynamics, biopharmaceutics and drug metabolism (5 credits)  
Practice of pharmacy IV(1) (5 credits)  
Practice of pharmacy IV(2) (including electives) (10 credits)  
Addiction pharmacy and integrated pharmacy skills (5 credits)  
Neuropharmacology (5 credits)  
Malignant disease, immunopharmacology and pharmacology of the eye (5 credits)  
Research project (10 credits)

The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister 60 credits; Senior Sophister 60 credits.

#### *Attendance and course work*

4 Students must attend for appropriate academic instruction in each term of each academic year and must satisfy the head of the school as to their academic progress in each term in order to proceed with their year. The school may, from time to time, draw up regulations determining the required attendance of students at the various forms of instruction.

5 To rise with their class students must (a) attend satisfactorily the lectures, seminars, tutorials etc. given in the modules of their course each term as required by the University Council and the School of Pharmacy and Pharmaceutical Sciences regulations, (b) perform and complete all laboratory work to the satisfaction of the head of the school, and (c) pass the prescribed examinations (including practical tests and continuous assessment schemes).

#### *Special course requirements*

6 Junior Freshman (new curriculum): Each student will undertake either two successive full-time placements, 2 months and 4 months in duration, or one full-time 6-month placement during the first term of the Senior Sophister year. This 6-month placement must include at least 4 months under the supervision of suitable pharmacist preceptor(s) and it can be carried out in any pharmacy practice setting, patient-facing or industry/regulatory. All placements will be administered by the Affiliation for Pharmacy Practice Experiential Learning (APPEL).

7 Continuing Senior Freshman, Junior Sophister and Senior Sophister students: Prior to commencing their Junior Sophister year, students are required to undertake one week of practice experience in a community or hospital pharmacy setting. In the Sophister years (between the start of the Junior Sophister year and the end of the Senior Sophister year) students are required to undertake four weeks of practice experience in a community or hospital pharmacy setting.

#### *Precautions against infectious diseases (Junior Freshman: new curriculum)*

8 With regard to the transmission of infectious diseases the School of Pharmacy and Pharmaceutical Sciences at Trinity College Dublin strikes a balance between our pastoral responsibility to individual students applying for entry and our overriding duty of care to the public with whom pharmacy students are in close contact. In this context the School is obliged to ensure that reasonable and appropriate measures are taken not only to safeguard the students and their colleagues, but also the patients and members of the public.

9 In the interests of reducing the risk of the transmission of infectious disease from patients to students, or student to patient, all new entrants must attend their regular medical practitioner or the College Health Service prior to registration to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox. In addition, students must produce evidence of their hepatitis B and C status and where appropriate confirmation that they do not have active disease. Students who are hepatitis B negative but not already deemed to be immune to hepatitis B will be required to undergo a course of vaccination.

10 At the appropriate time of year, students in all years of the course will be advised to seek vaccination against influenza.

11 In the rare circumstances where a student acquires a blood borne virus infection during their studies the School will consider all appropriate measures to accommodate their needs in accordance with statutory requirements.

12 In the event of a student becoming aware of any life threatening infectious condition that could be transmitted to a patient or fellow health worker, such as HIV, ebola, hepatitis B, hepatitis C, tuberculosis, chickenpox, influenza, measles or rubella they should consult their medical advisor to confirm they are not contagious. If they are contagious they should obtain a medical certificate confirming the diagnosis and should refrain from patient contact until cleared medically.

13 Counselling for applicants who test positive for blood borne viruses can be arranged through the College Health Service. Applicants with active infection who successfully undergo treatment, which renders them no longer an infectious risk to patients, may then reapply for admission to the course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply.

14 In order to ensure that students are properly supported and monitored and to minimise any detrimental effects on the provision of training to other students and most importantly to ensure protection of all patients, the College will only admit and retain students that it can reasonably accommodate who are positive with a blood borne virus at any one time. If the College is unable to reasonably accommodate a student with a blood borne virus, the offer of a place for new entrants or re-registration for those previously registered will be rescinded and all fees paid will be refunded.

15 If Irish law, or official guidance, changes between the date of publication of this documentation and the date of registration of new applicants to this course, the School of Pharmacy and Pharmaceutical Sciences reserves the right to require that the criteria adopted in relation to the ability to practise clinically in Ireland be satisfied before registration is permitted.

16 All costs associated with tests for infectious diseases and vaccination must be met by the student.

#### *Examinations*

17 Annual examinations are held mainly in Trinity term. Students who have been unsuccessful at the annual examinations must take a supplemental examination at the beginning of Michaelmas term as provided for in the document 'Examination Regulations in the School of Pharmacy and Pharmaceutical Sciences'.

18 Students who are unsuccessful at the annual examination will normally be given credit for those modules in which they were successful, and will be examined in the supplemental examinations only in those modules in which they were unsuccessful.

#### *Academic Progress*

19 Students undertaking the Junior Freshman year in 2015/16, and thereafter, are required to successfully complete the entire Pharmacy (integrated) programme (B.Sc. (Pharm.) and Master in Pharmacy degree courses) within eight years of starting the B.Sc. (Pharm.) course in order to be eligible for the award of Master in Pharmacy. In exceptional circumstances, this period may be extended by one year.

20 Whether entering prior to 2015/16 or afterwards, students may not repeat any academic year more than once within the degree programme and may not repeat more than two academic years within the degree programme, except by special permission of the University Council.

Junior Freshman (new curriculum): To pass each year of the course, students must achieve a credit weighted average mark of 50 per cent or higher for the year and accumulate 60 credits by passing all modules outright or through passing by compensation, where permitted. To pass by compensation students must either pass modules totalling 55 credits and achieve a minimum mark of 40 per cent in the failed module, or pass modules totalling 50 credits and achieve a minimum mark of 45 per cent in the failed module or modules. Detailed regulations concerning credits, modules that are not eligible for compensation, and other matters are published in the document 'Examination Regulations in the School of Pharmacy and Pharmaceutical Sciences'.

21 Continuing Senior Freshman, Junior Sophister and Senior Sophister students: To pass each year of the course, students must achieve a credit weighted average mark of 40 per cent or higher for the year and accumulate 60 credits by passing all modules outright or through passing by compensation, where permitted. To pass by compensation students must either pass modules totalling 55 credits and achieve a minimum mark of 30 per cent in the failed module, or pass modules totalling 50 credits and achieve a minimum mark of 35 per cent in the failed module or

modules. In the case of Senior Sophister students, compensation may only be allowed when all modules concerned have been taken in a single sitting. Detailed regulations concerning credits, modules that are not eligible for compensation, and other matters are published in the document 'Examination Regulations in the School of Pharmacy and Pharmaceutical Sciences'.

22 Junior Freshman, Senior Freshman and Junior Sophister students who are unsuccessful at both the annual and supplemental examination and who have made a serious attempt or have a valid reason for their absence may repeat the year. Repetition requires full attendance at lectures and such other courses as may be prescribed by the Head of the School.

23 As the new curriculum is introduced year-by-year, students permitted to repeat a course year will be required to undertake the new curriculum if the old curriculum has been phased out in the year they are repeating. Likewise, students returning to the course, having spent a permitted period of time off-books, will undertake the new curriculum if the old curriculum has been phased out in the course year to which they are returning. All such students may be required to take additional modules or exercises, as prescribed by the Head of School, to ensure they are qualified to proceed further.

24 Students who have passed the Junior Sophister examination may have the ordinary degree of B.A. conferred if they do not choose to proceed to the Senior Sophister year or if they have failed the Senior Sophister year. Except by permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may be conferred only on candidates who have spent at least three years in the University.

25 Senior Sophister students who are unsuccessful at both the annual and supplemental examinations must apply to the School of Pharmacy and Pharmaceutical Sciences Court of First Appeal in the first instance and thereafter to the Academic Appeals Committee for permission to repeat the year. Repetition requires full attendance at lectures and such other courses as may be prescribed by the Head of School.

26 In order to qualify for the award of the degree, students are required to pass the degree examination, and associated course work and assessments, in their entirety within eighteen months from the date on which they first became eligible to present for the degree examination.

27 In calculating the final degree mark the following proportions will be observed: For Junior Freshman and Senior Freshman students the overall end of year marks for the Junior and Senior Sophister years will contribute 35 percent and 65 percent, respectively, to the degree mark.

For Junior Sophister and Senior Sophister students 50 per cent of the final degree mark will be awarded on work examined in the Senior Sophister year; 25 per cent of the final degree mark will be awarded on work examined in the Junior Sophister year; 15 per cent of the final degree mark will be awarded on work examined in the Senior Freshman year; 10 per cent of the final degree mark will be awarded on work examined in the Junior Freshman year.

#### *Fitness to Practise*

28 Students undertaking the B.Sc. (Pharm.) course are subject to the fitness to practise requirements of the School of Pharmacy and Pharmaceutical Sciences and of the University. Notwithstanding the provisions of any other regulation, exclusion from the course may be recommended to the University Council at any stage in respect of any student whose progress or performance is unsatisfactory or to the Board of Trinity College in respect of any student whose conduct is unsatisfactory. Similarly a significant fitness to practise issue may result in exclusion. Any student who behaves in an unprofessional manner in relation to their clinical duties will be subject to serious disciplinary procedures, which could result in expulsion.

# Entrance Awards

## ENTRANCE EXHIBITIONS

1 On the basis of public examination results entrance exhibitions are awarded to Junior Freshman new entrants provided that sufficient merit is shown. The awards are made to E.U. students who are new entrants to full-time undergraduate degree courses in College and whose public examination performance is highest subject to the following conditions:

- (a) no award is made if the level of performance is lower than the equivalent of 560 points in the Leaving Certificate or 'A' level examinations.
- (b) where the Leaving Certificate examination has been written on more than one occasion, the six subjects which form the basis of the award must be completed at a single sitting; where the 'A' level examination has been written on more than one occasion, the four subjects which form the basis of the award must be completed in the one academic year; all other examination results must be achieved at the same sitting;
- (c) performance in the Trinity College matriculation examination, in those subjects still examined, will be taken into account.

2 Each entrance exhibition will be in the form of a book prize worth €150, awarded in the Junior Freshman year.

3 The successful exhibitioners will be notified in Michaelmas term.

4 The entrance exhibitions are payable from the following funds, subject to the limitations here shown:

<i>Fund</i>	<i>Limitation</i>
Dagg	Highest performance in history in public examination
French	One female student from Howell's School, Denbeigh One male student from Shrewsbury School
Harris	None
Kidd	None
Wilkins	None as to subject, but only for women

### THOMAS SIDNEY CHARLES DAGG EXHIBITION

This exhibition was founded in 1967 by a bequest from Thomas Sidney Charles Dagg. The entrance exhibitioner with the highest performance in history shall be called the Thomas Sidney Charles Dagg exhibitioner.

### EDWARD JOHN FRENCH EXHIBITIONS

These exhibitions were founded in 1931 by a bequest from Edward John French. Two exhibitions are offered annually, one to a female student from Howell's School, Denbeigh, and the other to a male student from Shrewsbury School. A candidate must have been a pupil at one of these schools for at least one year, and must have studied either history or classics or modern languages or natural sciences to an advanced level.

Candidates, who must be recommended by the headmistress of Howell's School or the headmaster of Shrewsbury, must apply in writing, stating their qualifications, to the Senior Lecturer not later than 1 September in the year in which they propose to enter the College. Awards will be made by the Board on the recommendation of a committee consisting of the Registrar, the Senior Lecturer and the Senior Tutor. Awards are subject to sufficient merit being shown. Preference will be given to candidates whose home residence is in Ireland. Value, €254 each exhibition.

#### WALTER WORMSER HARRIS PRIZE

This prize was founded in 1941 by a bequest from W.W. Harris.

#### JAMES PATRICK KIDD EXHIBITION

This exhibition was founded in 1887 by a bequest from Mary Lang Kidd.

#### CHARLES WILKINS MEMORIAL PRIZE

This prize was founded in 1879 by subscription in memory of Charles James Wilkins, Scholar 1877.

### II OTHER AWARDS OFFERED AT ENTRANCE

#### SIZARSHIPS

Sizarships are entrance exhibitioners of limited means who have their Commons free. The awards of sizarship are announced at the same time as the awards of exhibitions. The period of tenure of sizarship commences from the day on which the award is announced in Michaelmas term. Persons wishing to be considered for the award of sizarship should send to the Academic Registry, on or before 1 October in their year of entry, a statement on the prescribed form showing that they are qualified on the ground of limited means. Only those persons whose public examination results meet the criteria for the award of entrance exhibition will be considered. Sizarships are tenable, provided there is no significant change in a holder's means, until the end of the year (Senior Freshman or Junior Sophister) in which the foundation scholarship examination in the holder's subject is designed to take place.

Sizarships who have to repeat a year or otherwise fail to make satisfactory progress forfeit their award and the same penalty may be inflicted for any grave violation of College discipline.

*The following exhibitions and prizes are awarded to qualified candidates subject to the condition that sufficient merit is shown. To qualify for an award candidates must place their names on the College books. Students holding awards tenable for two years who fail to make satisfactory progress or do not keep their names on the College books forfeit their award, and the same penalty may be inflicted for any grave violation of College discipline.*

#### ABBEY PRIZE

This prize is awarded annually to a new entrant who does not obtain an entrance exhibition. Preference is given to a son or daughter of an old boy of the Abbey School, Tipperary. A student who claims to be qualified under this latter clause must apply to the Senior Lecturer on or before 1 October in the year of entry and provide the necessary evidence. If there is no such student, preference is given to students from schools in Munster and Connacht. The basis of the award is achievement in the public examinations as defined in section I. Value, €635.

#### ANNIE ANDERSON MEMORIAL PRIZE

This prize was founded in 1926 by subscription in memory of Mrs William Anderson. The interest from the benefaction is divided into four equal parts. These parts are awarded annually on the basis of the Irish Leaving Certificate examination results to four of five pupils of Mount Temple Comprehensive School (which incorporates the former Mountjoy School) entering Trinity College who obtain the highest results in the examination. Only those who have been pupils of Mount Temple Comprehensive School for at least two years are eligible to compete. Value of each part, €191.

#### WILLIAM ANDERSON EXHIBITION

This exhibition was founded in 1941 by subscription to mark appreciation of the work of William Anderson as headmaster of Mountjoy School (1896-1939). It is awarded annually on the basis of the Irish Leaving Certificate examination results to one of the five pupils of Mount Temple Comprehensive School (which incorporates the former Mountjoy School) who enters Trinity College and who obtains the highest results in the examination. Only those who have been pupils

of Mount Temple Comprehensive School for at least two years are eligible to compete. Value, €191.

#### BIGGS MEMORIAL PRIZE

This prize was founded in 1905 by subscription in memory of Richard Biggs. It is awarded annually on the basis of public examination results as defined in section I, to the person who achieves the best results of those who have been pupils for at least one year at Chesterfield School, Birr (or such other school at Birr as may take its place), or at Portora Royal School. Value, €1,016.

#### HASLETT MEMORIAL EXHIBITION

This exhibition was founded in 1907 by subscription in memory of William Woods Haslett. It is awarded annually to the person entering Trinity College with the best Irish Leaving Certificate examination results from St Andrew's College, Dublin and who has been for the two preceding years a pupil at that school. Application for this prize should be made to the Headmaster, St Andrew's College. Value, €500.

#### ISABELLA MULVANY EXHIBITION

This exhibition was founded in 1928 by subscription by the pupils and friends of Isabella Mulvany, to mark their appreciation of her labours on behalf of higher education, and particularly of her work as headmistress of Alexandra School (1881-1927). It is awarded annually to the person with the best public examination results as defined in section I who has also spent at least two years between the ages of 12 and 16 at Alexandra School, Dublin. Evidence of such attendance at Alexandra School should be forwarded to the Senior Lecturer by 1 October of the year of entry. Value, €508 a year for two years.

#### REID ENTRANCE EXHIBITIONS

(formerly called Reid sizarships)

In 1888 the sum of £6,200 was received under the will and testament of the late Richard Touhill Reid, to found additional sizarships, or exhibitions in the nature of sizarships. The awards, which do not exceed five in number, are open only to students of limited means who are natives of the county of Kerry. Those who (a) are above the standing of rising Junior Freshman, or (b) are graduates of any chartered university, or (c) have completed their nineteenth year before 1 May of the year in which they compete, are not eligible.

Reid entrance exhibitions are granted to qualified candidates on the basis of their public examination results.

Reid entrance exhibitions are tenable for two years. Exhibitioners have their Commons free, are supplied with a laptop and receive a salary of €6,000 per annum (the €6,000 award includes any applicable fee payments).

During the Senior Freshman year exhibitioners normally compete for foundation scholarships. Those who fail to obtain such scholarships, but are deemed to have shown sufficient merit (second class (first division)), may have their exhibitions extended for two further years; see also FOUNDATION SCHOLARSHIPS.

Notice of these exhibitions will appear each year in the local Kerry newspapers. Application forms should be addressed to the Academic Registry to arrive not later than 15 October of the proposed year of entry.

#### TAYLOR EXHIBITION

This exhibition was founded in 1978 by a gift from Mrs Eileen Taylor to provide an entrance exhibition to be awarded each year for a two year period at the discretion of the Professor of Music in consultation with the Department of Music Committee.

## *Foundation and Non-Foundation Scholarships*

1 The College was founded as a corporation consisting of the Provost, the Fellows and the Scholars. Scholars who are members of the corporation are called *foundation scholars*, or scholars of the house, to distinguish them from the holders of other scholarships. Foundation scholarships cannot exceed seventy in number.

2 Foundation scholarship is a College institution with a long history and high prestige, and is a distinctive feature of student life at Trinity. It involves a searching examination, set and assessed so as to select students of outstanding ability. The objective of the foundation scholarship examination is to identify students who, at a level of evaluation appropriate to the Senior Freshman year, can consistently demonstrate exceptional knowledge and understanding of their subjects. The examination requires candidates to demonstrate: skill in synthesising and integrating knowledge across the full range of the set examination materials; rigorous and informed critical thought; and, in appropriate disciplines, a highly-developed ability to solve problems and apply knowledge. The award is based solely on the performance in the scholarship examination, and past performance in other examinations is not taken into account, nor is there any attempt to identify through any subjective means students who may be appropriate candidates for scholarship. A scholarship at Trinity College remains the most prestigious undergraduate award in the country, an award that has undoubtedly helped to foster long-lasting links between many outstanding graduates and College. A principal objective of College is the pursuit of excellence: one of the most tangible demonstrations of this is the institution of scholarship.

3 Scholars are elected annually on the result of an examination held in the week before the start of Hilary term. In all courses, there must be a minimum of 25 per cent of the overall scholarship mark assigned to questions which are 'general', that is, discipline-related but extending beyond the set curriculum. This may be achieved with one or more general paper(s) or it may also be achieved by setting a compulsory general section or sections on one or more paper(s). Some courses may choose to have a combination of a full general paper and general section(s) on papers. Details of the examination in the various academic courses are stated below, §§25-74.<sup>1</sup>

Candidates intending to present for scholarship should be advised that it is not possible to substitute a Broad Curriculum module as an element of the scholarship examination.

4 As foundation scholarships are limited in number, non-foundation scholarships are also provided by the College. Students elected to these scholarships enjoy the same emoluments and privileges as foundation scholars, subject to the same conditions.

### *Mode of election*

5 Following the receipt of recommendations made by local courts of examiners and the approval by the Central Scholarship Committee, elections are made by the Board on the Monday in Trinity Week with respect to those candidates achieving an overall first class result (70 per cent or higher), along with a grade profile indicating the attainment of first class marks in a majority of papers<sup>2</sup> and the achievement of at least 65 per cent in any other paper(s), in the examination for scholarship.

6 The scholarship examination is held on such days as are stated in the *Calendar*, PART I - ALMANACK.

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<sup>1</sup>For special awards available at entrance see ENTRANCE EXHIBITIONS.

<sup>2</sup>In courses with four papers, first class marks must be achieved in at least half of the papers. In courses with three papers, first class marks must be achieved in at least two of the three papers.



7 Candidature is limited to registered Senior Freshman students.<sup>3</sup> Where a candidate is prevented from sitting the scholarship examination in the Senior Freshman year due to exceptional circumstances (such as bereavement, serious illness), he/she may apply to the Senior Lecturer through his/her tutor to be allowed sit the examination in the Junior Sophister year, provided that an application for candidature was made during the specified period in the Senior Freshman year.

8 Candidates must give notice of their intention to take the examination on the prescribed form available on the College website at <https://www.tcd.ie/academicregistry/exams/assets/local/scholarship-application-form.pdf>. Completed application forms should be submitted to the Academic Registry between 1 and 15 November 2015 inclusive.

9 No candidate may be elected to scholarship twice.

10 The previous conduct of candidates must have been satisfactory.

11 Candidates must have paid the current annual fee of their class.

12 All candidates for scholarships shall furnish to the Board on or before the day of election, information as to their full names and place of birth. This requirement is normally met by the signing of the scholars book at the time of the examination.

#### *Admission*

13 Elected candidates must present themselves in the ante-room of the Provost's House at 11 a.m. on the day following their election to be formally admitted as members of the corporation in accordance with the Statutes of the College. Elected candidates who do not so present themselves may have their first quarter's salary forfeited.

#### *Emoluments and privileges*

14 Foundation scholars are entitled to the following statutory emoluments and privileges: they

- (a) have their Commons free of charge;
- (b) are entitled to rooms, in any accommodation owned or provided by the College as assigned by the Provost, free of charge for up to nine months of the year;
- (c) receive a salary which, together with any grant they may receive from an outside body, shall amount to not less than €253.95 per annum (after payment of the annual fee);
- (d) are entitled to remission of the annual fee appropriate to their main course of study if they are not in receipt of outside scholarships or grants, save that undergraduate scholars from non-E.U. countries shall have their fees reduced by an amount corresponding to the appropriate fee level of an E.U. fee paying student.

#### *Tenure*

15 Foundation scholars hold their scholarships normally either until the end of the June quarter following the date at which they become or might have become masters in arts, or until the end of the June quarter of the fifth year following their election, whichever of these two dates is the earlier, except when permission has been given for a scholar to intermit the tenure.

16 Scholars must satisfy the requirements necessary for them to proceed with their class. Any scholars failing to do so forfeit their scholarship. Scholars may be permitted to intermit the tenure of their scholarship, for good and sufficient academic, medical or other similar reasons and it shall be a consequence of this permission that the scholars may continue to hold their scholarship beyond the above limits by a period equal to that of the intermitted tenure or twelve months in normal circumstances, whichever is the shorter. A scholar pursuing undergraduate studies seeking to intermit scholarship shall apply to the Senior Lecturer, and a scholar pursuing graduate studies seeking to intermit scholarship shall apply to the Dean of Graduate Studies; and

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<sup>3</sup>Students registered to the evening course in information systems should refer to the scholarship course entry below for details concerning the course year of eligibility.

it shall be for the Senior Lecturer or the Dean of Graduate Studies, as the case may be, to determine whether good and sufficient academic, medical or other similar reasons to justify intermission of scholarship have been provided. In certain circumstances relating directly to the need to obtain professional or other relevant experience in order to properly pursue research the period of intermission may be longer (up to a maximum of three years). Decisions of the Senior Lecturer and of the Dean of Graduate Studies relating to the intermission of scholarship may be appealed only to the Board. The closing date for applying for permission to intermit is 1 March. In the case of a student who has recently graduated, applications for intermission should be made no later than 1 March in the year following completion of the undergraduate course.

17 Intermission of scholarship and going off-books are different processes. In particular, scholars who go off-books have not for that reason automatically intermitted their scholarship; they do not have the status of a scholar during any period off-books; and if they wish to preserve the privileges of scholarship, they must also seek the permission of the Senior Lecturer or the Dean of Graduate Studies to intermit their scholarship, pursuant to §16 (above). Moreover, scholars who have intermitted do not for that reason automatically go off-books; undergraduate scholars who wish not only to intermit but also to go off-books must seek the permission of the Senior Lecturer to go off-books pursuant to the GENERAL REGULATIONS AND INFORMATION; and postgraduate scholars who wish not only to intermit but also to go off-books must seek the permission of the Dean of Graduate Studies to go off-books pursuant to PART III OF THE CALENDAR — GRADUATE STUDIES AND HIGHER DEGREES. It is recognised that a scholar may wish to make one application but not the other; however, in normal circumstances, a scholar wishing to intermit his/her scholarship should also apply to go off-books, and a scholar wishing to go off-books similarly should also apply to intermit his/her scholarship.

18 No scholars may have their names transferred to a lower class without the express permission of the Board.

19 Scholars who have passed, or might, according to their College standing, have passed the primary degree examination in their subjects, and who do not continue an approved course of academic study in the College, or undertake research under approved conditions, are entitled only to their dining rights for the duration of their scholarship.

20 Scholars of the same standing who undertake research under approved conditions or pursue an approved course of academic study are entitled to their rights for the duration of their scholarship, and they are entitled to receive a salary calculated in accordance with §14 (c) above. If they pursue an approved course of academic study, or undertake research under approved conditions, in the College, they are eligible for continuation of all the emoluments and privileges of scholarship. If scholars, being registered for a higher degree in the College, are recommended by their supervisor to study elsewhere for not more than one year, they can receive, with the permission of the Dean of Graduate Studies, their full scholar's emoluments for that year, provided they return to the College for at least one year to continue their graduate studies. If they do not return for at least one year they forfeit their emoluments for the year away from College, other than their scholar's salary.

21 Applications for continuation of scholarship privileges by graduate scholars must be made to the Dean of Graduate Studies, who will assess the appropriate amounts of their continuing emoluments and their eligibility, if any, for postgraduate awards. The applicants must, if these privileges are to be continued, supply the Dean of Graduate Studies with evidence that they are working satisfactorily for each academic year.

#### *Waiterships*

22 Ten scholars, or other students, are appointed annually to say grace before and after meal in the Dining Hall. They are called waiters. They receive a salary, paid quarterly, provided that their duty has been satisfactorily discharged.

The waiters are selected by the Provost, in consultation with the Junior Dean, to whom applicants must send their names before the last day of June. Regard is had in the selection to the general character of the applicants.

23 The grace is repeated in Latin, and normally *memoriter*, in a form prescribed by the Statutes of the College.

#### *St Patrick's Benevolent Society of Toronto prize*

24 This prize, established in 1987, is funded by St Patrick's Benevolent Society of Toronto. The prize is awarded for the best performance in the annual scholarship examination to recognise excellence in scholarship. Value, approximately €1,143.

## COURSES

### **25 Two-subject moderatorship**

In the two-subject moderatorship, candidates are required to present themselves for examination in both of their course subjects. In order to be recommended for foundation scholarship, candidates must achieve an overall mark for both subjects combined of 70 per cent or higher; candidates must obtain a first class result in one subject and at least a second class, first division result in the other subject; candidates are required to have a minimum of two first class marks out of their total four papers; and no paper may have a mark below 65 per cent. Both subjects contribute with equal weighting to the combined mark. Candidates sit a maximum of four and a half hours of written examinations in each subject. Candidates must satisfy the examination and assessment requirements of their subjects as set out below. The academic scope of these examinations and assessments, in terms of modules and/or areas covered, may vary from one subject to another; each department in TSM assigns a minimum of a quarter of its assessment in the scholarship examination to general question(s). See entries for individual subjects as set out below.

#### ANCIENT HISTORY AND ARCHAEOLOGY

Candidates are examined in written papers, in total not exceeding four and a half hours. A general paper accounts for 40 per cent of the subject's mark. A second paper, accounting for 60 per cent of the subject's mark, is based upon modules taken in the first semester of the Senior Freshman year.

#### CATHOLIC THEOLOGICAL STUDIES

Candidates are examined in two 2-hour papers, one of which is a compulsory general paper. Papers are equally weighted.

#### CLASSICAL CIVILISATION

Candidates are examined in written papers, in total not exceeding four and a half hours. A general paper accounts for 40 per cent of the subject's mark. A second paper, accounting for 60 per cent of the subject's mark, is based upon modules taken in the first semester of the Senior Freshman year.

#### DRAMA STUDIES

Candidates are examined in two papers as follows:

- 1 Introduction to drama, theatre and performance I and II (3 hours)
- 2 General drama paper (1½ hours)

Paper 1 comprises 75 per cent of the TSM drama mark; paper 2 comprises 25 per cent of the TSM drama mark.

#### EARLY IRISH

The scholarship examination includes material covered during the two semesters of the Junior Freshman year and the first semester of the Senior Freshman year, as well as general questions, in both language and course work.

The scheme of papers and marks is as follows:

	<i>Marks</i>
One paper on language competence which includes a compulsory general question (3 hours)	350
One paper on course work which includes a compulsory general question (1½ hours)	150
Total	<u>500</u>

Information on the form and content of these papers is available from the Department of Irish and Celtic Languages.

#### ECONOMICS

The economics component of the examination consists of two 2¼-hour papers as follows:

Candidates in economics and mathematics take

Economics I and II

Other TSM economics candidates are asked to choose two papers from

Economics I and II

Quantitative methods

All papers include one, or more, compulsory general question(s). Papers are equally weighted.

#### ENGLISH LITERATURE

To be elected to scholarship candidates should demonstrate independent, informed and rigorous critical thought reflecting on material from the first three semesters of the Freshman years. Candidates are examined in two 2-hour papers. Paper one is the 'general paper'. Papers are equally weighted.

#### FILM STUDIES

Candidates sit two 2-hour papers. Paper one covers work from the Junior Freshman year. Part one of paper two covers work from the Michaelmas term of the Senior Freshman year, excepting FS2009 Introduction to screenwriting. Part two of paper two contains general questions. Papers are equally weighted.

#### FRENCH

See MODERN LANGUAGES AND LITERATURE.

#### GEOGRAPHY

There are two 2-hour examination papers. Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the Head of Geography in paper 1. Paper 2 is a general essay paper. Papers are equally weighted.

#### GERMAN

See MODERN LANGUAGES AND LITERATURE.

#### GREEK

Candidates are examined in written papers, in total not exceeding four and a half hours. A general paper accounts for 40 per cent of the subject's mark. A second paper, accounting for 60

per cent of the subject's mark, is based upon modules taken in the first semester of the Senior Freshman year.

#### HISTORY

Candidates are examined in two 2-hour written papers, one a general paper, and one selected from a range of papers relating to modules taught in the Junior Freshman year and the first semester of the Senior Freshman year. Papers are equally weighted.

#### HISTORY OF ART AND ARCHITECTURE

Candidates are examined in written papers, in total not exceeding four and a half hours. A general paper accounts for 33.33 per cent of the subject's mark. A second paper, accounting for 66.66 per cent of the subject's mark, is based upon modules taken in the first semester of the Senior Freshman year.

#### ITALIAN

See MODERN LANGUAGES AND LITERATURE.

#### JEWISH AND ISLAMIC CIVILISATIONS

Candidates are examined in two equally weighted 2¼-hour papers.

NM paper 1 covers course work from the Junior Freshman year and the first semester of the Senior Freshman year.

NM paper 2 is a general paper on a special topic with a choice of questions.

#### LATIN

Candidates are examined in written papers, in total not exceeding four and a half hours. A general paper accounts for 40 per cent of the subject's mark. A second paper, accounting for 60 per cent of the subject's mark, is based upon modules taken in the first semester of the Senior Freshman year.

#### MATHEMATICS

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the head of the school. Two 2-hour papers of equal weight are set. One paper examines candidates on material taught in Michaelmas term of the Senior Freshman year. The other paper is a general paper that assesses the ability of candidates to solve mathematical problems with the knowledge and skills that candidates should have acquired by the end of the Junior Freshman year.

#### MODERN IRISH

The scholarship examination includes material covered during the two semesters of the Junior Freshman year and the first semester of the Senior Freshman year, as well as general questions, in both language and course work.

The scheme of papers and marks is as follows:

	<i>Marks</i>
One paper on course work which includes a compulsory general question (3 hours)	250
One paper on language competence which includes a compulsory general question (1½ hours) and a <i>viva voce</i> examination	250
Total	<hr/> 500

Information on the form and content of these papers is available from the Department of Irish and Celtic Languages.

## MODERN LANGUAGES AND LITERATURE

### FRENCH, GERMAN, ITALIAN, RUSSIAN, SPANISH

For each of these languages, the scholarship examinations include material covered during the two semesters of the Junior Freshman year and the first semester of the Senior Freshman year, in both language and course work.

The scheme of papers and marks is as follows:

	<i>Marks</i>
One paper on course work, including a general question or general questions (3 hours)	250
One paper on language competence (1½ hours) and a <i>viva voce</i> examination	250
Total	500

Information on the form and content of these papers is available from departments.

## MUSIC

Candidates are examined in two 2-hour papers on aspects of the work of the Freshman years. The paper music scholarship is a general paper. Papers are equally weighted.

## PHILOSOPHY

Candidates sit two 2¼-hour papers, philosophy I, based on modules of their course up to the end of Michaelmas term of the Senior Freshman year, and philosophy II, a general paper. Papers are equally weighted. Consult the departmental handbook for details of the papers.

## PSYCHOLOGY

Candidates are examined in two 2-hour papers encompassing the modules studied up to the end of Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the head of school. One paper is general and the other is selected from a range of papers, full details of which are published by the School of Psychology early in Michaelmas term each year. Papers are equally weighted.

## RUSSIAN

See MODERN LANGUAGES AND LITERATURE, above.

## SOCIOLOGY

Candidates sit two 2¼-hour papers, sociology I and II, based on modules of their course up to the end of Michaelmas term of the Senior Freshman year. Both papers include a compulsory general section. Papers are equally weighted.

The scope of each paper is described in the relevant course handbook.

## SPANISH

See MODERN LANGUAGES AND LITERATURE, above.

## WORLD RELIGIONS AND THEOLOGY

Candidates are examined in two 2¼-hour papers. Both papers contain a compulsory general question. Papers are equally weighted.

### **26 Ancient and medieval history and culture**

Candidates are examined in three papers each of 3 hours' duration, one of which is a general paper. The questions will encompass modules taught in the Junior Freshman year and in the first semester of the Senior Freshman year together with such additional reading as may be required. Papers are weighted equally.

### **27 Business, economic and social studies ('B.E.S.S.')**

Candidates are examined in the subjects of their course up to the end of Michaelmas term of the Senior Freshman year. The scope of each paper is described in the relevant course handbook.

The examination consists of four 2¼-hour papers.

Candidates are required to choose four papers from:

Business I and II

Economics I and II

Political science I and II

Sociology I and II

Quantitative methods

All papers include one, or more, compulsory general question(s). Political science I is a full general paper. All papers carry equal marks.

### **28 Business studies and a language**

Candidates are examined in the subjects of their course up to the end of Michaelmas term of the Senior Freshman year. The scope of each paper is described in the relevant course handbook.

The examination consists of four 2¼-hour papers. Candidates are required to take four papers:

Business I

Business II

Both business papers include one, or more, compulsory general question(s).

Language 1 (language fluency including oral)

Language 2 (business environment)

All papers carry equal marks.

### **29 Catholic theological studies**

Candidates are examined in four 2-hour papers, one of which is a general paper. Papers are weighted equally.

### **30 Chemistry with molecular modelling**

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by individual heads of school or course directors.

Candidates choose two of their subjects in which to be examined and, for each subject, sit two papers, each of 2 hours' duration. The number of general questions varies depending on the papers chosen. Papers are weighted equally.

### **31 Classics**

Candidates are examined in three papers each of 3 hours' duration, one of which is a general paper. The questions will encompass modules taught in the Junior Freshman year and in the first semester of the Senior Freshman year together with such additional reading as may be required. All papers carry equal marks.

### **32 Clinical speech and language studies**

Candidates are examined in course work up to the end of the Michaelmas term of the Senior Freshman year (which includes relevant coursework from the Junior Freshman year), in addition to supplementary reading as may be required by the departmental staff.

Papers are set as follows:

Paper 1	Nature and assessment of disorders of speech, voice and fluency (3 hours)
Paper 2	Part (I) linguistics, Part (II) social and developmental psychology (3 hours)
Paper 3	General paper (2 hours)

All papers carry equal weighting.

### 33 Computer science

Candidates are examined in course material up to and including the Michaelmas term of the second year and on additional reading as may be determined from time to time.

The following papers are set:

- 1 Mathematics (2 hours)
- 2 Computer programming (3 hours)
- 3 Computer systems (3 hours)

The computer programming and computer systems papers will each contain a compulsory general question. The mathematics paper accounts for 25 per cent of the examination mark with the remaining two papers accounting for 37.5 per cent each.

### 34 Computer science and business

Candidates are examined in their course work up to and including the Michaelmas term of the Senior Freshman year and on additional reading as may be determined from time to time. The following papers are set:

- 1 Mathematics (2 hours)
- 2 Computer programming (2 hours)
- 3 Business I (2¼ hours)
- 4 Business II (2¼ hours)

The computer programming and business I papers will contain a compulsory general question. The business II paper is a general paper. Papers are weighted equally.

### 35 Computer science and language<sup>4</sup>

Candidates are examined in their course work up to and including the Michaelmas term of the Senior Freshman year and on additional reading as may be determined from time to time.

The following examinations are set:

- 1 Mathematics (2 hours)
- 2 Computer programming (2 hours)
- 3 Linguistics (2 hours)
- 4 Language (1½ hours)
- 5 *Viva voce* examination

The computer programming and linguistics papers each contain a compulsory general question. The mathematics, computer programming and linguistics papers are each weighted at 25 per cent of the final grade. The language and *viva voce* examinations have a combined weighting of 25 per cent of the final grade.

### 36 Deaf studies

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with their coursework from their Junior Freshman years and such additional reading as may be required by the departmental staff.

Papers are set as follows:

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<sup>4</sup>Prior to 2012-13 this course was called the Moderatorship in Computer Science, Linguistics and a Language.



- 1 Deaf studies: general paper (2 hours)
- 2 Language interaction and development (3 hours)
- 3 Deaf people and society (3 hours)

All papers carry equal weighting.

### 37 Dental science

Candidates are examined in their course work up to the end of Michaelmas term of the second dental year together with such additional reading as may be required by the Dean of Dental Affairs and the individual heads of division concerned.

Three equally weighted papers and assessments are set as follows:

- 1 Special interdisciplinary topic, paper 1 (3 hours)
- 2 Special interdisciplinary topic, paper 2 (3 hours)
- 3 Oral biosciences and dental sciences (3 hours)

Papers 1 and 2 are general papers.

### 38 Drama and theatre studies

Candidates are examined in four papers as follows:

- 1 Introduction to drama, theatre and performance 1 and 2 (3 hours)
- 2 General drama paper (1.5 hours)
- 3 Introduction to performing and theatre-making (3 hours)
- 4 General drama and theatre studies paper (1.5 hours)

Papers 1 and 3 together comprise 75 per cent of the total mark; papers 2 and 4 together comprise 25 per cent of the total mark.

### 39 Early and modern Irish

The scholarship examinations will include material covered during the two semesters of the Junior Freshman year and the first semester of the Senior Freshman year as well as a number of general questions, in both language and course work. The scheme of papers and marks is as follows:

EARLY IRISH		<i>Marks</i>
One paper on language competence which includes a compulsory general question (3 hours)		350
One paper on course work which includes a compulsory general question (1½ hours)		150
	Total	500
MODERN IRISH		
One paper on course work which includes a compulsory general question (3 hours)		250
One paper on language competence which includes a compulsory general question (1½ hours) and a <i>viva voce</i> examination		250
	Total	500

Information on the form and content of these papers is available from the Department of Irish and Celtic Languages.

#### 40 Earth sciences

Candidates are examined in their course work up to the end of Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the head of school or course directors.

Candidates sit four papers of 2 hours' duration each, two in geography and two in geology. Of these, two are general papers, one in each subject. Papers are weighted equally.

#### 41 Engineering science

Papers are set as follows:

- 1 Engineering science I: general mathematics and computer science (3 hours)
- 2 Engineering science II: general mechanics and materials (3 hours)
- 3 Engineering science III: general electronics, electricity and instrumentation (3 hours)

The material covered by the papers will include the full range of topics covered up to the end of the first semester of the second year of the B.A.I. course, together with such further reading as may be determined from time to time. All papers are general extending beyond the set curriculum. Papers are weighted equally.

#### 42 Engineering with management

Papers are set as follows:

- 1 Engineering science I: general mathematics, management and computer science (3 hours)
- 2 Engineering science II: general mechanics and materials (3 hours)
- 3 Engineering science III: general manufacturing and electricity (3 hours)

The material covered by each paper embraces all the work up to the end of the first semester of the second year of the course, together with such further reading as may be determined from time to time. All papers are general extending beyond the set curriculum. Papers are weighted equally.

#### 43 English studies

To be elected to scholarship candidates should demonstrate independent, informed and rigorous critical thought reflecting on material from the first three semesters of the Freshman years. Candidates are examined in four 2-hour papers. Paper one is the 'general paper'. Papers are equally weighted.

#### 44 European studies

The scholarship examination will include material covered during the two semesters of the Junior Freshman year and the first semester of the Senior Freshman year. It consists of one general paper in European studies, two language competence papers (including a *viva voce* examination) and one additional paper. The two language papers are each of 1.5 hours' duration and combined carry  $\frac{1}{3}$  of the overall marks. The general paper and remaining paper are each of up to 2.5 hours' duration and each carries  $\frac{1}{3}$  of the overall marks. The economics, political science and sociology papers also contain general questions.

Candidates will take the following papers:

- 1 The general paper in European studies
- 2 Any two from the following:
  - French language competence and a *viva voce* examination
  - German language competence and a *viva voce* examination
  - Italian language competence and a *viva voce* examination
  - Polish language competence and a *viva voce* examination
  - Russian language competence and a *viva voce* examination

- Spanish language competence and a *viva voce* examination
- 3 One paper from any of the subject areas below:  
A paper in modern European history  
Economics: Paper I  
Political science: Political science paper I or Political science paper II  
Sociology: Sociology paper II

#### **45 History**

Candidates are examined in four written papers each of two hours' duration. The questions will encompass modules taught in the Junior Freshman year and the first semester of the Senior Freshman year. There is a compulsory general paper. All papers carry equal marks.

#### **46 History and political science**

Candidates are examined in four papers, two in political science and two in history. Political science I (2¼ hours) is a general paper, political science II (2¼ hours) encompasses modules taught in the Junior Freshman year and the first semester of the Senior Freshman year and includes a compulsory general question. The history papers (2 hours each) consist of a general paper, and one paper selected from a range of papers relating to modules taught in the Junior Freshman year and the first semester of the Senior Freshman year. All papers carry equal marks.

#### **47 Human genetics**

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by individual heads of school or course directors.

Candidates sit four papers of 2 hours' duration each, two in chemistry and two in human genetics. Of these one of the genetics papers is a general paper and one of the chemistry papers contains compulsory general questions. Papers are weighted equally.

#### **48 Human health and disease**

The areas of study related to the scholarship examination are:

- Integrated cell biology
- Integrated anatomy and physiology
- Special topic/general paper

The examinations in integrated cell biology and integrated anatomy and physiology will be based on the integration of course work to date from relevant first and second year modules up to the end of Michaelmas term of the Senior Freshman year. The special topic examination will be related to a course of reading on recent advances in the understanding of the aetiology and treatment of a specific human disease. The syllabus for the special topic will be based on research papers and reviews as prescribed by staff in the discipline.

Candidates sit three papers of 3 hours' duration each, corresponding to each of the areas of study. Papers are weighted equally.

#### **49 Human nutrition and dietetics**

Candidates are examined on material covered in the first three semesters of the course in biochemistry, cell biology, physiology and nutrition. In addition, a special topic is set on a subject of relevance in the professional practice of nutrition and dietetics. An indicative reading list is provided on this topic at the beginning of the Senior Freshman year. There are three written examinations as follows:

- 1 Cell biology and biochemistry (3 hours)
- 2 Nutrition and physiology (3 hours)
- 3 Special topic/general paper (3 hours)

Papers are weighted equally.

### **50 Information systems (evening course)**

Candidates are examined in the first year of the B.Sc. in Information Systems on course material from both years of the Diploma in Information Systems and from Michaelmas term of the first year of the B.Sc. in Information Systems and on additional reading as may be set from time to time.

The following papers are set:

- 1 Business and management (3 hours)
- 2 Information technology (3 hours)
- 3 Information systems (3 hours)

The business and management paper will contain a compulsory general question. Papers are weighted equally.

### **51 Irish studies**

To be elected to scholarship, Irish studies candidates must demonstrate rigorous, independent, and informed critical thought in analysing and synthesising material from across the first three semesters of their Freshman years. Candidates will be examined in three papers (eight hours in total). For strand A students, these papers will reflect their course work in English, history, and the core interdisciplinary module 'Imagining Ireland'. For strand B students, these papers will reflect their course work in Irish, history, and the core interdisciplinary module 'Imagining Ireland'. In each strand, the paper on 'Imagining Ireland' is a general paper and all papers are weighted equally.

### **52 Law, law and French, law and German, law and business and law and political science**

Candidates taking the honor course in law are examined in modules of their course up to the end of Michaelmas term of the Senior Freshman year, as well as in a general paper. Examinations consist of four papers, each of 2¼ hours in duration, to amount to nine hours of examinations in total. Papers are weighted equally.

Candidates taking the honor course in law and German or the honor course in law and French are examined in the law modules of their course up to the end of Michaelmas term of the Senior Freshman year, as well as in a general paper, amounting to 6¾ hours of law examinations in total, and in addition are examined in foreign law and language up to a maximum of an additional 2¼ hours of examinations, to amount to nine hours of examinations (four papers) in total. Papers are weighted equally.

Candidates taking the honor course in law and business are examined in the modules of their course up to the end of Michaelmas term of the Senior Freshman year. The examinations consist of a total of 4½ hours of examinations in law modules (two 2¼-hour papers) and 4½ hours of examinations in business modules (two 2¼-hour papers). The two business papers contain compulsory general questions. Papers are weighted equally.

Candidates taking the honor course in law and political science are examined in the modules of their course up to the end of Michaelmas term of the Senior Freshman year. The examinations consist of a total of 4½ hours of examinations in law modules (two 2¼-hour papers) and 4½ hours of examinations in political science modules (two 2¼-hour papers). One of the political science papers is a general paper and the other contains a compulsory general section. Papers are weighted equally.

### **53 Management science and information systems studies**

Candidates are examined in their course work up to and including the Michaelmas term of the Senior Freshman year and on additional reading as may be determined from time to time. The following papers are set:

- 1 Management science 1 (3 hours)
- 2 Management science 2 (3 hours)
- 3 Management science 3 (3 hours)

Each management science paper will contain a compulsory general question. Papers are weighted equally.

#### **54 Mathematics**

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the head of the school. Candidates sit four papers of two hours' duration. Papers are of equal weight. Three papers examine candidates on material taught in Michaelmas term of the Senior Freshman year. The fourth paper is a general paper that assesses the ability of candidates to solve mathematical problems with the knowledge and skills that candidates should have acquired by the end of the Junior Freshman year.

#### **55 Medicinal chemistry**

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by individual heads of school or course directors.

Candidates choose two of their subjects in which to be examined and, for each subject, sit two papers, each of 2 hours' duration. The number of general questions varies depending on the papers chosen. Papers are weighted equally.

#### **56 Medicine**

Candidates are examined in their coursework up to the end of Michaelmas term of the Senior Freshman year, together with any additional reading as may be required by the School of Medicine.

All papers are weighted equally.

The areas of study related to the scholarship examination are:

1. Anatomy and physiology (2 hours)
2. Biochemistry and molecular medicine (2 hours)
3. Pharmacology and behavioural science (2 hours)
4. General paper on a special topic (3 hours)

#### **57 Midwifery**

Candidates are examined in their course work up to the end of Michaelmas term of the Senior Freshman year, but at an advanced level, and with a course of reading which will be prescribed by the lecturers. Students are required to take three papers of 3 hours' duration each, one of which is a general paper. Papers are weighted equally.

#### **58 Music**

Candidates are examined in three 3-hour papers on aspects of the work of the Freshman years. Two papers are equally weighted at 25 per cent each of the total. The third paper accounts for 50 per cent of the total and comprises two equally weighted sections, one of which contains compulsory general questions.

#### **59 Music education**

Candidates sit two papers and take a practical element as follows:

- 1 Music education (3 hours)
- 2 Theoretical music (3 hours)

### 3 Music performance (1 hour)

The music education paper is a general paper. Each of the above is weighted equally.

### 60 Nanoscience, physics and chemistry of advanced materials

Candidates are examined in their course work up to the end of Michaelmas term of the Senior Freshman year together with such additional reading as may be required by individual heads of school or course directors.

Candidates choose two of their subjects in which to be examined and, for each subject, sit two papers, each of two hours' duration. The number of general questions varies depending on the papers chosen. Papers are weighted equally.

### 61 Nursing including the children's and general nursing integrated course

Candidates are examined in their course work up to the end of Michaelmas term of the Senior Freshman year, but at an advanced level, and with a course of reading which will be prescribed by the lecturers. Students are required to take three papers of 3 hours' duration each, one of which is a general paper. Papers are weighted equally.

### 62 Occupational therapy

Candidates are examined at an advanced level in their course work up to the end of Michaelmas term of the Senior Freshman year, as well as their ability to critically analyse research in the field of occupational therapy.

The areas of study related to the scholarship examination are:

- 1 Psychology (3 hours)
- 2 Study of occupation/general paper (3 hours)
- 3 Conditions in occupational therapy (adult physical and children) (3 hours)

All papers carry equal marks.

### 63 Pharmacy

Candidates will be examined in their course work up to the end of Michaelmas term of the Senior Freshman year, together with any additional reading as may be required by the Head of the School of Pharmacy and Pharmaceutical Sciences. Students are required to sit three 3-hour papers. All papers are weighted equally.

Papers are set as follows:

- 1 Pharmaceutical sciences 1 (modules PH2001 and PH2003)
- 2 Pharmaceutical sciences 2 (modules PH2004, PH2006 and PH2009)
- 3 Disease management based on a scenario/case study: interdisciplinary understanding and research (general paper)

### 64 Philosophy

Candidates are examined in four 2¼-hour papers set by the Department of Philosophy.

Philosophy I (based on modules of their course up to the end of Michaelmas term of the Senior Freshman year)

Philosophy II (a general paper)

Philosophy III (based on modules of their course up to the end of Michaelmas term of the Senior Freshman year)

Philosophy IV (a general paper)

All papers carry equal marks. Details of the papers are given in the departmental handbook.

### **65 Philosophy, political science, economics and sociology**

Candidates are examined in at least three of the constituent disciplines of the degree course.

The examination consists of four 2¼-hour papers. Candidates are required to choose four papers from:

- Philosophy II and IV
- Political science I and II
- Economics I and II
- Sociology I and II
- Quantitative methods

Candidates must take at least one paper in each of the three disciplines they pursue in the Senior Freshman year.

All papers include one, or more, compulsory general question(s). Philosophy II, philosophy IV and political science I are full general papers.

All papers carry equal marks.

### **66 Physiotherapy**

The areas of study related to the foundation scholarship examination are:

- Two separate special topic/general papers (3 hours each)
- Clinical sciences in physiotherapy (3 hours)

The special topic examinations will be based on courses of reading related to specific topics in physiotherapy and these will change annually. The reading will be derived from research papers and reviews in the areas chosen. The reading for the special topics will be prescribed by staff in the discipline. The examination on clinical sciences in physiotherapy will be on work completed but at an advanced level. Papers will be weighted equally.

### **67 Political science and geography**

Candidates sit the following four papers:

Political science I (a general paper)

Political science II (based on modules of their course up to the end of Michaelmas term of the Senior Freshman year and includes a compulsory general question)

Geography I (based on coursework up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the Head of Geography)

Geography II (a general paper)

Both political science papers are 2¼ hours each. Both geography papers are 2 hours each. All papers carry equal marks.

### **68 Psychology**

Candidates are examined in four 2-hour papers encompassing the modules studied up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by the head of the school. One paper will be a general paper and the others will be selected from a range of papers, full details of which will be published by the School of Psychology early in Michaelmas term each year. All papers are equally weighted.

### **69 Radiation therapy**

Candidates are examined at an advanced level in specified elements of their course work, as well as their ability to critically analyse research in the field of radiation therapy.

Papers will be set as follows:

- 1 Scientific principles of radiation therapy (3 hours)
- 2 Clinical principles of radiation therapy (3 hours)

### 3 Special topic (general) paper: critical analysis of radiation therapy (2 hours)

Papers are equally weighted.

#### **70 Science**

Candidates are examined in two science subject areas incorporating such additional reading as may be required by individual heads of school or course directors. Candidates sit four papers of two hours' duration each. The number of general questions varies depending on the papers chosen. Papers are equally weighted.

#### **71 Social studies**

The examination consists of four 2¼-hour papers as follows:

Social work I

Social work II

Social work III (general paper)

Social policy I

All papers carry equal marks.

#### **72 Sociology and social policy**

Candidates are examined in the subjects of their course up to the end of Michaelmas term of the Senior Freshman year. The scope of each paper is described in the relevant course handbook.

The examination consists of four 2¼-hour papers as follows:

Sociology I

Sociology II

Each sociology paper contains a compulsory general section.

Social policy I (general paper)

Social policy II (based on modules of their course up to the end of Michaelmas term of the Senior Freshman year).

All papers carry equal marks.

#### **73 Theoretical physics**

Candidates are examined in their course work up to the end of the Michaelmas term of the Senior Freshman year together with such additional reading as may be required by individual heads of school. There will be two papers in mathematics and two in physics each of two hours' duration. One of the mathematics papers is a general paper and each physics paper contains at least one compulsory general question. Papers are weighted equally.

#### **74 World religions and theology**

Candidates are examined in three 3-hour papers covering the work of the first three semesters together with such additional reading as may be required. Each paper contains a compulsory general question. Papers are weighted equally.



## *Prizes and other Awards*

All the awards stated are subject to the proviso that sufficient merit must be shown.

The awards whose titles include the names of persons are arranged in alphabetical order of surnames, e.g. Lloyd Exhibitions, Arthur Lyster Prize.

For prizes awarded to students obtaining first class honors in honor courses, see GENERAL FACULTY REGULATIONS.

Monetary awards will be sent to the student's permanent residence.

Where the name of a prize winner is not displayed, this means that the prize was not awarded in 2014-15.

### *Prizes originally established for the course in 'General Studies'*

A number of prizes were instituted at a time when there was a course in 'general studies'. The regulations for their award are now under review, to ensure that, as far as possible, the basic intentions of the benefactors can be met now that the 'general studies' course has been discontinued. Further information may be obtained from the Senior Lecturer, Trinity College, Dublin 2. The following are the prizes concerned:

#### UNIVERSITY PRIZE

Instituted in 1972, to replace the former King Edward prize, it involved two awards, respectively to the persons coming first and second in the B.A. degree examination in 'general studies'.

#### JELLETT PRIZES FOR GENERAL ANSWERING

These prizes were founded in 1889 by a gift from George Salmon, Provost 1888-1904, in memory of John Hewitt Jellett, Provost 1881-8, who had awarded prizes for general answering from 1884-7. They were awarded annually, subject to certain conditions, to the two students who obtained the highest aggregate of marks at the annual Senior Freshman examination in Trinity term.

#### PREMIUM IN IRISH

This prize was awarded to the student who obtained the highest marks in Irish at the annual Senior Freshman examination in Trinity term.

# *Faculty of Arts, Humanities and Social Sciences<sup>1</sup>*

## **Business studies**

### ABD EL-MOTAAL BOOK PRIZE

This prize was founded in 1965 by a gift from Mostafa H.B. Abd El-Motaal, former Lecturer in Accounting. It is awarded annually to the best student in financial and management accounting, provided an overall minimum grade of second class (second division) is achieved in the annual examinations, at the first attempt. Value, €64.

*Prizewinner in 2014:*  
Sean Devilly

### ABD EL-MOTAAL PRIZE

This prize was founded in 1963 by a gift from Mostafa H.B. Abd El-Motaal, former Lecturer in Accounting. It is awarded annually to the student who obtains the highest mark in financial reporting and analysis, provided the student passes the annual degree examination in full. Value, €153.

*Prizewinner in 2014:*  
Jennifer Preston

### DAVID FELDMAN PRIZE

This prize was founded in 1985 by a gift from David Feldman, a graduate of both the Faculty of Economic and Social Studies and the Faculty of Arts (Philosophy). The purpose of the prize is to encourage business students to adopt a broad philosophical attitude to issues and challenges in the business world. The prize will be awarded annually to a Sophister or postgraduate student in business studies. It will be based on a dissertation or project judged by the examiners to demonstrate the application of philosophical thought, logical argument, as well as metaphysical and perhaps ethical approach to the understanding of business. Value, €1,500.

### PATRICK O'SULLIVAN PRIZE

This prize was founded in 2009 by a gift from Patrick O'Sullivan's family. Patrick is a graduate of the School of Business and retired in 2009 as Vice Chairman and Chief Growth Officer of Zurich Financial Services. It is awarded annually, on the recommendation of the Trinity Business School, to the candidate who performs at the highest level in the Senior Sophister module in exploring organisational experiences.

*Prizewinner in 2014:*  
Conor Bates

### PRICEWATERHOUSECOOPERS PRIZE

The award was founded in 1966 by Craig, Gardner & Co., Chartered Accountants. Two prizes are awarded to the Senior Sophister students who obtain first class honors at the annual degree examination, provided they obtain at least a second class (first division) mark in financial reporting and analysis. The prizewinners are invited to apply to the firm for Articles. Value, €127, and €64.

*Prizewinners in 2014:*  
1 Michelle Riordan  
2 Shaun Collins

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<sup>1</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.

### TRINITY BUSINESS ALUMNI PRIZE

This prize was founded in 1993 by the Trinity Business Alumni. It is awarded to the student whose project, submitted in partial fulfilment of the requirements of the final B.B.S. degree examination, is ranked by the court of examiners as the best overall project submitted by a B.B.S. candidate, conditional upon a minimum second class (first division) grade having been achieved overall and in the project. Value, €250 and a commemorative medal.

*Prizewinner in 2014:*

Fiona Lawlor-Beirne

### Classics

#### JOHN ISAAC BEARE MEMORIAL PRIZE

This prize was founded in 1937 by a gift from Mrs Farran in memory of her father, John Isaac Beare, Fellow 1887-1918. It is awarded annually to the candidate for scholarship in classics who obtains the highest mark in the Greek translation and composition papers. Value, €350.

*Prizewinner in 2014:*

Alexandra Maria Madela

#### BISHOP BERKELEY'S GOLD MEDALS

These awards were founded in 1752 by a gift from George Berkeley, Fellow 1707-24. Two gold medals (first and second) are awarded, provided outstanding merit is shown, to candidates answering a special examination in part of the Greek course prescribed for the annual honor examination in either the Senior Freshman or the Junior Sophister years. The examination is open to all students under M.A. standing. No one may be a candidate more than twice or obtain a medal more than once. The examination will consist of two papers on one of the Greek authors studied in the honor course, and will be held at the time of the Trinity honor examinations. Candidates may choose their own author, and a detailed syllabus will be prescribed by the Regius Professor of Greek. Notice of intention to take the examination must be given to the Senior Lecturer before the end of the previous Hilary term. No one may be a candidate in the same year for a Berkeley medal in Greek and a Vice-Chancellor's medal in Latin.

#### COMPOSITION PRIZES IN CLASSICS

Two Junior Freshman and two Senior Freshman prizes for composition are awarded each year to students attending the honor lectures in Greek and Latin. Value, €40 each. The prizes may be divided between students of equal merit.

*Prizewinners in 2014:*

William Von Behr (Greek)

Alexandra Maria Madela (Greek)

John Francis Martin (Latin)

#### COSTELLO PRIZE IN ELEMENTARY LATIN

This prize derives from a bequest made in 1954 by Miss Louisa G. Costello. It is awarded annually to the woman student who achieves the best performance in elementary Latin. Value, €45.

#### THE 1983 PRIZE IN BEGINNERS GREEK

This prize derives from a gift made in 1983 by an anonymous benefactor. The prize is awarded in the first instance to the student who achieves the best performance in the elementary Greek language papers (Greek B) in the annual examination of the Junior Freshman year. A second instalment is payable in the student's second year provided a satisfactory level of achievement in the language is maintained. Value, €85 per annum.

*Prizewinner in 2014:*  
John Francis Martin

#### MULLINS CLASSICAL EXHIBITION

This exhibition derives from the bequest made in 1898 by John Mullins. The income from the benefaction and the exhibition is divided and awarded in two equal parts. The awards are made on the basis of results of an examination in the form of a substantial essay, the topic of which must relate to Greek or Latin authors. It must comprise original work that has not been submitted for any other purpose. In order to enter for the examination persons must be undergraduates registered in one of the courses offered by the Department of Classics. Candidates for the award must submit their topic for approval by either the Regius Professor of Greek or the Professor of Latin no later than the end of the sixth week of teaching in Michaelmas term. Candidates for the award must submit their essays no later than the first day of Hilary term. The successful candidates to whom the awards are made will be required to use them to enable them to visit archaeological sites of classical interest in the Mediterranean area and will be required to submit a brief account of their visit to the appropriate professor on their return. Value, up to €1,200 for each exhibition.

#### MARSHALL PORTER MEMORIAL PRIZE

This prize derives from a benefaction made in 1900 by A.M. Porter in memory of his son, Andrew Marshall Porter, Scholar 1895, who died of wounds received in action at Lindley, South Africa. The prize is divided and is awarded annually to candidates for scholarship in classics, and in Greek, Latin, ancient history and archaeology, and classical civilisation, who come next in merit to the last scholar elected in their subjects. Value (division I) classics, €400; (division II) other subjects, €220 per subject.

*Prizewinners in 2014:*

*Division II:*

Oisín Vince Coulter

Gertrude Burke Kilgore

#### WILLIAM ROBERTS PRIZE

This prize derives from a gift in memory of William Roberts, Fellow 1841-83, made by his widow in 1884. The prize is divided and is awarded annually to the students who achieve the best performance in classics, and in Greek, Latin, ancient history and archaeology, and classical civilisation, in the annual examination (excluding supplementals) for the Senior Freshman class. Value (division I) classics, €220; (division II) other subjects, €110 per subject.

*Prizewinners in 2014:*

*Division I:*

Alexandra Maria Madela

*Division II:*

Paul Corcoran

Sana Sanai

Paul Tobin

Johanna Varadi

#### STANFORD TRAVELLING SCHOLARSHIP

This annual scholarship was established in 1986 from a bequest received under the will of William Bedell Stanford, Regius Professor of Greek 1940-80. The purpose of the scholarship is to enable a member or members of the Department of Classics to travel to Greece to attend an accredited course or pursue a project of academic value. Applicants must submit a proposal outlining their itinerary and the purpose of their journey to the department on the Friday before

the start of annual examinations in Trinity term. Successful candidates will be required to submit a brief account of their visit and its outcome on their return.

#### JOHN ANTHONY TAYLOR PRIZE

This prize was founded in 1974 in memory of John Anthony Taylor, Scholar 1959, by a bequest from Mr and Mrs W.H. Taylor. It is open to all students on the College books under B.A. standing. No student can obtain the prize more than once. It is awarded annually for the best essay in English on a topic connected with classical antiquity.

Topics are announced before 1 June. Essays should be typewritten and should be submitted to the Senior Lecturer before 1 December, the award being announced before the end of the following January. The examiners are the Regius Professor of Greek and the Professor of Latin. Value, €200.

##### *Topics for the prize*

- Greek and Roman imperialism
- Seamus Heaney as a classical poet
- Greek and Roman thinking about barbarians
- The influence of Greek and Roman buildings upon Irish architecture

#### TYRRELL MEMORIAL PRIZE

This award was founded in 1877 by subscription in memory of William Gerald Tyrrell, Scholar 1871. The award is made annually for meritorious performance in a written examination in a special topic additional to but also related to the modules and annual examinations taken by undergraduate students in the Department of Classics in their Junior Sophister and Senior Sophister years. Candidates for the award are required to give notice to the professors in the Department of Classics not later than the first day in Hilary term and the approval of the professors in the Department of Classics is required for the proposed special topic. Value, up to €2,000.

#### VICE-CHANCELLOR'S LATIN MEDALS

These awards were founded in 1869 by the Provost and Senior Fellows. Two gold medals are awarded on the result of an annual examination in Latin, with regulations similar to those of the Berkeley medals in Greek.

#### VICE-CHANCELLOR'S PRIZES

These prizes are awarded annually for the best compositions on proposed topics in prose or verse in English, Greek, Irish and Latin. They are open to all students on the College books under M.A. standing, but a student cannot obtain a prize oftener than twice in succession, or more than three times in all. The examiners are the Professor of English Literature, the Regius Professor of Greek, the Professor of Irish and the Professor of Latin.

The topics for compositions are announced before 1 June. Compositions, with fictitious signatures and accompanied by sealed envelopes containing the names of the essayists and of their tutors, must be sent to the Senior Lecturer before 1 December, the prizes being declared on 15 January following.

No prize is given of more than €80; prizes of less amount and more than one in each kind of composition, may be awarded on the recommendation of the examiners.

##### *Topics for the prizes:*

- Greek or Latin prose: euthanasia
- Greek or Latin verse: Helen of Troy
- For topics in English and Irish see below under those headings.

### WALKER MEMORIAL PRIZE

This prize derives from a gift made in 1985 by Mrs Stanley McCollum in memory of her father, Robert Reginald Walker, student of the College from 1917-21, and again from 1982-5, when he returned to complete a degree in classics, but died in his Junior Sophister year. The prize is awarded to the mature student who performs best in the Junior Freshman examinations in any of the courses offered by the Department of Classics. Value, €50.

*Prizewinners in 2014:*

Jennifer Moffatt  
Niamh O'Regan

### Clinical speech and language studies

#### BEGGS LEASK PRIZE

This prize, an inscribed plaque, was first awarded in 1994 to mark the twenty-fifth year of education of speech and language therapists in Ireland. It was founded by Rebecca Beggs Leask, who as Deputy Director assisted the Director, Dr Marie de Montfort Supple, in initiating the education of speech and language therapists in Ireland in 1969. It is awarded annually to the Senior Sophister student who presents the best research project.

*Prizewinners in 2014:*

Hannah Scully  
Aine Sheehy

#### DE MONTFORT PRIZE

This prize is awarded annually to the Junior Freshman student who achieves the highest mark overall. (This award is presented by the Irish Association of Speech and Language Therapists.)

*Prizewinner in 2014:*

Aideen Lynam

#### THE FOUNDER'S PRIZE

This prize, an inscribed medal, is awarded annually to the Junior Sophister student who achieves the best overall mark in the end of year examinations. The Founder's prize is funded by a stipend donated by the founder of the former School of Clinical Speech and Language Studies, and the former Director of the School, Dr Marie de Montfort Supple.

*Prizewinner in 2014:*

Aoife Dunne

#### NORA DAWSON MARIAKIS PRIZE

This prize is awarded annually to the Junior Sophister student who achieves the highest mark in speech and language pathology – clinical practice assessment. The award consists of an inscribed plaque, and is funded by the class of 1972 (D.C.S.T.), in memory of the pioneering lecturer and clinician, Nora Dawson Mariakis.

*Prizewinner in 2014:*

Fiona Guihen

#### OTWAY-FREEMAN AWARD

This prize, an inscribed medal, is awarded annually to the Senior Sophister student who achieves the highest mark in the clinical practice assessment, speech and language pathology.

*Prizewinner in 2014:*

Marie Daly

## QUATERCENTENARY PRIZE

This prize, taking the form of a plaque, is awarded annually to the Senior Sophister student who achieves the highest marks in the year.

*Prizewinner in 2014:*

Orla Gilheaney

## WALKER PRIZE

This prize, an inscribed medal, is awarded annually to the student acquiring the highest grade in speech and language pathology in the Senior Freshman year.

*Prizewinner in 2014:*

Beth Milofsky

## Comparative philology and Sanskrit

### FERRAR MEMORIAL PRIZE<sup>2</sup>

This prize was founded in 1874 by subscription in memory of William Hugh Ferrar, Fellow 1859-71. It is awarded on the result of a special examination in a course of comparative philology held in Trinity term. The competition for the prize is open to all persons under M.A. standing except Fellows of the College, or Professors of the University, whose names are on the College books the day preceding the days of examination. No person who has won the prize can be admitted a second time as a candidate. Notice of intention to compete must be sent to the Senior Lecturer at least twenty-one days before the end of Hilary term. Value, €64.

#### Course

Comparative philology of the indo-european languages. (A higher standard is required than in the case of the prize in elementary comparative philology and Sanskrit.) Descriptive and comparative grammar of Vedic and classical Sanskrit.

Lanman, *Sanskrit reader*

Meillet, *Linguistic historique et linguistique générale*, tome 1

One of the following:

Meillet, *Aperçu d'une histoire de la langue grecque*

Meillet, *Esquisse d'une histoire de la langue latine*

Meillet, *Caractères généraux des langues germaniques*

Lewis and Pedersen, *A concise comparative Celtic grammar*

Grammont, *Traité de phonétique*

de Saussure, *Cours de linguistique générale*

### PRIZE IN ELEMENTARY COMPARATIVE PHILOLOGY AND SANSKRIT<sup>2</sup>

This prize is offered annually on the result of an examination held in Trinity term. Value, €32 (from the Ferrar memorial prize fund).

#### Course

The lectures of the Assistant Professor in Sanskrit and Comparative Philology. Descriptive and comparative grammar of classical Sanskrit. Lanman, *Sanskrit reader*, 'Nala', 'Hitopadesa', 'Manavadharmasastra'.

Students should use Macdonnell, *Sanskrit grammar*, and Meillet, *Introduction a l'étude comparative des langues indo-européennes*.

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<sup>2</sup>The conditions for the award of this prize are at present under review.

### FERGUSON MEMORIAL PRIZE

This prize was founded in 1907 by subscription in memory of Sir Samuel and Lady Ferguson. It is awarded every third year. Work submitted for it may take the form of

- (a) an investigation of some aspect or feature of Irish linguistic development, or
- (b) a study of Irish literary sources, or
- (c) an edition of an important text including translation, commentary and linguistic analysis.

The prize is open to all undergraduates and to graduates of not more than seven years' standing.

Exercises must reach the Senior Lecturer before 17 March in the year of the award. The next prize will be awarded in 2017. Value, €1,500.

### Deaf studies

#### LAURA SADLIER PRIZES

The Laura Sadlier Freshman prize, an inscribed medal, is awarded annually to the Junior Freshman student who has demonstrated the most significant improvement in ISL proficiency and/or cultural engagement with the Deaf community.

The Laura Sadlier Sophister award, an inscribed pen, is awarded annually to the Senior Sophister student who has made the greatest contribution in academic achievement, collegiality and engagement with the Deaf community during the course of their studies.

### Drama and theatre studies

#### MICHEL BRETON MEMORIAL PRIZE

This prize was set up by subscription in 1987 to commemorate the late Michel Breton (French Government sponsored lecturer, 1980-86), and especially to record his love of the performing arts.

The prize will be awarded to the student in the Senior Freshman year of drama studies who, on the basis of either the annual or scholarship examination, shall be shown to be the best qualified in that year.

The award may be used either for the purchase of books or for travel in connection with the study of theatre and the beneficiary shall make his or her preference known to the Department of Drama. Value, €150.

*Prizewinner in 2014:*

Eleanor White

### Economics

#### BASTABLE PRIZE

This prize was founded in 1933 by subscription in memory of Charles Francis Bastable, Professor of Political Economy 1908-32 and Regius Professor of Laws 1882-1932. It is awarded to the candidate placed first at the moderatorship examination in economics (joint or single honors), provided sufficient merit is shown. Value, €127 (€102 to be contributed by the Department of Economics).

*Prizewinner in 2014:*

Niall Murphy

#### SINEAD DARCY PRIZE

This prize was founded in 2011 in memory of Sinead Darcy, a Trinity economics graduate who had a distinguished career in regulatory economics. It is awarded annually to the student who performs at the highest level in the Junior Sophister module in industrial economics: competition, strategy and policy.



*Prizewinner in 2014:*  
Cian McLeod

#### P.J. DRUDY PRIZE IN ECONOMICS

The Drudy prize in economics was founded in 2008 by Professor P.J. Drudy to encourage the study of social and economic development in less developed countries. It is awarded annually on the recommendation of the Department of Economics to the continuing Junior Sophister student who performs at the highest level in the Junior Sophister module in the economics of less developed countries. Value, €100.

*Prizewinner in 2014:*  
Brid McNamara

#### HARRY HARTFORD PRIZE

This prize was founded by a gift from Harry Hartford, a Trinity economics graduate of 1982. It is awarded annually, from 2007-16 inclusive, on the recommendation of the Department of Economics, to the Junior Sophister student who performs at the highest level in the Junior Sophister economic analysis module. Value, €500.

*Prizewinner in 2014:*  
George Sorg-Langhans

#### TERENCE GORMAN PRIZE

This prize was founded in 2006 by a bequest from Mrs Dorinda Gorman in memory of her husband, the distinguished economist W.M. (Terence) Gorman, a Trinity economics graduate of 1948. It is awarded annually, on the recommendation of the Department of Economics, to the Junior Sophister student who performs at the highest level in the Junior Sophister econometrics module. Value, €1,000.

*Prizewinner in 2014:*  
Cian McLeod

### **History**

#### PRIZE IN AMERICAN HISTORY

The Corabeth Powers Dabaghi and William L. Powers, Jr prize in American history was founded in 2003. It is awarded annually for the best performance in an American history module in the Senior Freshman year. The value of the prize is €220 (for twenty years, 2003-04–2023-24). The prize was founded by William K. Dabaghi.

*Prizewinner in 2014:*  
Eireann O'Sullivan

#### BROWNE PRIZE

This prize was founded in 1966 by a bequest from Miss L.C.N. Browne. It is awarded annually to the candidate who obtains the highest marks at the Junior Freshman honor examination in history. The prize is open to students taking the single honor course in history or history as part of a two-subject moderatorship course. The prizewinner may select books to the value of €318 at the University booksellers.

*Prizewinner in 2014:*  
Helen Brady

#### CLUFF MEMORIAL PRIZE

This prize was founded in 1870 by subscription in memory of James Stanton Cluff, Scholar 1858. Further endowments were provided by Mr W.V. Cluff. It is awarded annually to the

candidate who performs best in the moderatorship examination in history — two-subject honor part II candidates to be equally eligible with single honor candidates. Value, €445.

*Prizewinner in 2014:*

Henry David Neal Bridge

#### DUNBAR INGRAM MEMORIAL PRIZE

This prize was founded in 1896 by a gift from John Kells Ingram, Fellow 1846-99, in memory of his son, T. Dunbar Ingram. It is awarded annually to the candidate who obtains the highest marks at the Senior Freshman honor examination in history. The prize is open to students taking the single honor course in history or history as part of a two-subject moderatorship course. Value, €635.

*Prizewinner in 2014:*

Eireann O'Sullivan

#### **History of art and architecture**

##### ANNE CROOKSHANK PRIZE

This prize was established in 1985 by friends and colleagues of Anne Crookshank to enable outstanding students of art history to travel abroad. It is awarded annually to the Junior Freshman student with the highest marks in the Trinity term examination. The prize takes the form of a scholarship, to be put towards the cost of the departmental study visit the following academic year. In the event of no departmental visit being organised, the prizewinner may apply the cash to travel plans of his/her own choosing, subject to approval by the department. Value, €318.

*Prizewinner in 2014:*

Langston Guettinger

##### MAINIE JELLETT FUND

This fund was established in 1987 by members of the late Mainie Jellett's family to help finance students in art at the University of Dublin and at the National College of Art and Design to travel abroad in furtherance of their work.

The scheme is administered by a committee appropriately representative of the two institutions and the donor family.

##### MR W. HENRY NAYLOR AND HIS SISTER MRS HENRIETTA MARY DOWNES BURSARY

This prize was founded in 2015 in memory of Mr W. Henry Naylor and his sister Mrs Henrietta Mary Downes by Ms Dorothy H. Downes. It is awarded annually to an Irish graduate of the University for further education or training in the history of art. Value, €600.

##### HOMAN POTTERTON PRIZE

This prize derives from a gift made in 2005 by Homan Potterton, a graduate of the University and a former director of the National Gallery of Ireland. The prize is awarded to the student of history of art and architecture who has achieved the highest overall grade in continuous assessment exercises carried out during the Junior Sophister year and who intends to take moderatorship part II in the history of art and architecture. Value, €300.

*Prizewinner in 2014:*

Stephen Moloney

#### **Irish and Celtic languages**

##### REV. THADDEUS O'MAHONY, D.D., PRIZE

This prize was founded in 1931 by a bequest from Miss E.S. O'Mahony in memory of Thaddeus O'Mahony, Professor of Irish 1861-79. It is awarded annually on the results of the Trinity Junior Freshman honor examination in Irish. It must be expended on the purchase of Irish books under the supervision of the Professor of Irish. Value, €450.

*Prizewinner in 2014:*  
Peter Weakliam

#### VICE-CHANCELLOR'S PRIZES IN IRISH

For regulations see prizes in classics above.

*Topics:*

Irish prose: Cearta agus dualgais  
Irish verse: Íomhánna

#### **Law**

##### AMERICAN ARBITRATION ASSOCIATION RORY BRADY PRIZE FOR EXCELLENCE IN INTERNATIONAL CONFLICT MANAGEMENT

This prize will be awarded annually between 2011 and 2015 to the undergraduate or postgraduate student at Trinity College Dublin who is determined by the prize review committee to have made an outstanding contribution to the study of conflict resolution. Annual value, US\$5,000.

In order to compete for the prize candidates must submit an essay on any aspect of conflict resolution to the Law School by 4 p.m. on the first Friday in Hilary term. The winner shall be chosen by a prize review committee consisting of four members of the Law School staff, two practising members of the Irish Bar and a representative of the American Arbitration Association.

*Prizewinner in 2014:*  
Sonja Heppner

##### DOYLE ENVIRONMENTAL LAW ESSAY PRIZE

This prize was founded in 2006 and is awarded annually to the Sophister student adjudged to have written the best essay on a prescribed aspect of environmental law. Value, €500.

##### HENRY HAMILTON HUNTER MEMORIAL PRIZE

This prize was founded in 1951 in memory of Henry Hamilton Hunter by a gift from his widow. It is awarded on the result of the final degree examination in law, provided the candidate obtains first class honors, or second class (first division). Value, €1,905.

*Prizewinner in 2014:*  
Ruth Hughes

##### JULIAN PRIZE

This prize was founded in 1923 by a bequest from Mrs Margaret Julian in memory of her son, Ernest Lawrence Julian, Reid Professor of Penal Legislation 1909-14, who was killed in action at Suvla Bay in 1915. It is awarded annually to a first class candidate at the Trinity term LL.B. examination provided that the candidate is under M.A. standing at the date of the examination. Value, €635.

*Prizewinner in 2014:*  
Robert Noonan

##### DESMOND AND MAUD O'CONNOR PRIZE

This prize was founded in 2007 in memory of the late Desmond and Maud O'Connor from their estate. It is awarded annually to the Senior Sophister law student adjudged to have written the best research dissertation. Value, €150.

*Prizewinners in 2014:*  
Rosalind Comyn  
Tom Kelly

### ROUND HALL PRIZE

This prize was founded in 1985 by Sweet and Maxwell, plc. Following its merger with Round Hall Thomson Reuters the prize was renamed the Round Hall prize in 2009. It is awarded to the student placed first in the Senior Freshman honor examination in Trinity term of each year. The prizewinner is entitled to Round Hall books to the value of €100.

*Prizewinner in 2014:*

Conor O'Brien

### TOTTEL PUBLISHING LAW PRIZE

This prize is funded by Tottel Publishing Limited. It is awarded to the student placed first in the Junior Freshman honor examination in law in Trinity term of each year. The prizewinner is entitled to books to the value of €500.

*Prizewinners in 2014:*

Hazel Bergin

Rachael Byrne

### TOTTEL PUBLISHING (LAW AND FRENCH) PRIZE

This prize is funded by Tottel Publishing Limited. It is awarded to the student placed first in the Junior Freshman honor examination in law and French in Trinity term of each year. The prizewinner is entitled to books to the value of €250.

*Prizewinner in 2014:*

Keire Murphy

### TOTTEL PUBLISHING (LAW AND GERMAN) PRIZE

This prize is funded by Tottel Publishing Limited. It is awarded to the student placed first in the Junior Freshman honor examination in law and German in Trinity term of each year. The prizewinner is entitled to books to the value of €250.

*Prizewinner in 2014:*

Philip Gavin

### TRINITY TRUST — THE HONORABLE T.C. KINGSMILL MOORE PRIZE

This prize was founded in 1979 by a gift from Trinity College Dublin Trust who wished to commemorate the long service of the Honorable Mr Justice Kingsmill Moore as chairman and trustee of the Trust. The prize is awarded to the candidate who obtains the highest marks in the Junior Sophister examination in law, provided that the candidate is placed in the first class, or second class (first division). Value, €191.

*Prizewinner in 2014:*

Gary Martin Hansell

## **Modern languages and literature**

### COMPOSITION PRIZES IN MODERN LANGUAGES

Composition prizes are awarded each year to Junior and Senior Freshman students in the School of English (2 prizes), the Departments of French (6), Germanic Studies (6), Hispanic Studies (4), Irish and Celtic Languages (4), Italian (4), and Russian and Slavonic Studies (4), following two-subject moderatorship, European studies, computer science and language and single honor courses. If sufficient merit is shown, two additional prizes may be awarded in English and in French. One prize for composition in English is awarded to Sophisters. Value, €40 each. Each prize may be divided between students of equal merit.

*Prizewinners in 2014:*  
Sinead Collins  
Amelia McConville  
Jennifer Bereton  
Paul Glynn  
Gabriela Frost  
Faye Mercier  
Anne Moroux  
Conor Brennan  
Philip Gavin  
Fiona Marie Kenny  
Shauna Danielle Keniry  
Emma Gilson  
Lucy Brem  
Peter Weakliam  
Cáit Ní Néill  
Jade Pepper  
Aisling Byrne  
Shauna Dillane  
Chiara Nicholl  
Ines Pandzic  
Aoife Cosgrove  
Alice Davenhill  
Alice Gallanagh  
Sinead Harrington  
Daniel Culleton  
Aifric O'Raghallaigh  
Anna Abate Bessomo

#### COTTER PRIZE IN MODERN LANGUAGES

This prize was founded in 1953 by a bequest from W.E.P. Cotter. It is awarded annually to the most highly placed unsuccessful candidate for scholarship in modern languages and literature. Value, €75.

*Prizewinner in 2014:*  
Dean McHugh

#### DR HENRY HUTCHINSON STEWART LITERARY SCHOLARSHIPS

These scholarships were founded in 1884 by a bequest from Henry Hutchinson Stewart. Two scholarships, value €500 and €400, are awarded annually to those students who have obtained the highest aggregate of marks in the two-subject moderatorship examinations and whose major subject was a modern language (English, French, German, Irish, Italian, Russian, Spanish). At least one scholarship is reserved for a student whose minor subject was also a modern language. If holders are engaged on full-time postgraduate study in the area of modern languages, the scholarships are increased to €4,445 and €3,175, and renewed at this level for a maximum of a further two years.

*Prizewinners in 2014:*  
1 Deirdre Nic Chartaigh  
2 Deirdre Ní Cheallacháin

#### **English**

#### COSTELLO PRIZE IN ENGLISH LITERATURE

This prize derives from the bequest made in 1954 by Miss Louisa G. Costello. It is awarded

annually to the woman student who achieves the best performance in the annual Senior Freshman examination in Trinity term in English. Value, €45.

*Prizewinner in 2014:*  
Sinead Collins

#### ROBERT WALLACE HENRY EXHIBITION

This exhibition was founded in 1946 by a gift from Mrs A. Wallace Henry. It is awarded to the student who gets the highest marks in English at the annual Junior Freshman honor examination. Value, €25.

*Prizewinner in 2014:*  
Octavia Van Smirren

#### RICHARD F. LITTLEDALE PRIZE

This prize was founded in 1892 by subscription in memory of Richard F. Littledale. The prize is divided and is awarded annually for the highest marks, without loss of class, at the Senior Freshman honor examination in English to a Senior Freshman student in single honors English and to a Senior Freshman student of English in two-subject moderatorship. Value (division I) single honors, €350; (division II) two-subject moderatorship, €350.

*Prizewinners in 2014:*  
*Division I:*  
Isabelle Higgins  
*Division II:*  
Sinead Collins

#### ANNE O'CATHASAIGH PRIZE

This prize was founded in 2003 in memory of Anne O'Cathasaigh and is awarded annually for an essay (c. 5,000 words) on W.B. Yeats. Value, €400.

*Topic for 2016:*  
Yeats and the 1916 Rising

#### PRIZE IN OLD AND MIDDLE ENGLISH

This prize is awarded annually to the student obtaining the highest marks in English language in the Freshman years. Value, €30.

*Prizewinner in 2014:*  
Octavia Van Smirren

#### SHERIDAN PRIZE

This prize was founded by a gift from an anonymous donor in 1961. It is awarded annually on the recommendation of the Professor of English Literature for an essay on some aspect of the English language after 1400, by a student below M.A. standing. The Professor of English Literature will announce the topics for the following year before the end of Trinity term. Essays should reach the Senior Lecturer by 31 January. Value, about €200.

*Topic for 2016:*  
Regret

#### VICE-CHANCELLOR'S PRIZES IN ENGLISH

For regulations, see prizes in classics above.

*Topics for the prizes to be awarded in January 2016:*  
English prose: Vivacity  
English verse: Stasis

## French

### DOMPIERRE-CHAUFEPIÉ PRIZE

This prize was founded in 1912 by a gift from Gerard Alston Exham, Fellow 1895-1920, in memory of Eugénie de Dompierre de Chaufepié, of The Hague. It is awarded annually on the results of the Senior Freshman annual examination. A candidate must have attended three terms of honor lectures in French previous to the examination and must be approved by the Professor. Value, €90.

*Prizewinner in 2014:*

Emily Smith

### FRENCH GOVERNMENT BRONZE MEDAL

These medals are awarded to the best candidates in French in each of the degree courses at the final year examinations in the Department of French.

*Prizewinners in 2014:*

Niall McMahon

Steven Chapman

Donal Kennedy

Aisling O'Donnell

Kenneth Henry

### IRELAND FUND OF FRANCE AWARDS

Two awards of €800 will be made annually on the basis of academic merit and financial need to students who have shown a commitment to French studies to assist them in making a study visit to France. The awards are financed from the Chrissy O'Reilly Endowment for Cultural Development. Award holders will be expected to submit a short report in French to the Ireland Fund of France following their study visit. The award will be made on the recommendation of a committee chaired by the Head of the French Department.

### PRIZES IN PROVENÇAL (INCLUDING CATALAN)

These prizes are temporarily suspended.

### LISA SEXTON MEMORIAL AWARD

This fund was established in 2005 in memory of Lisa Sexton by her family and friends to provide financial assistance and recognition of academic achievement for course work assessment essays in the Junior Sophister French options to a student who intends to continue to Senior Sophister moderatorship part II in French. The fund is to be administered by the Trinity Benefaction Fund in conjunction with the Head of the French Department. The award amount is to be €250 annually and is to be granted during Michaelmas term of the student's Senior Sophister year.

*Prizewinner in 2014:*

Sarah Hashish

### BARBARA WRIGHT PRIZE

This prize was founded in 2006 by a gift from Barbara Wright, her colleagues and friends, to mark her retirement after forty years of service. It is awarded annually to the Senior Sophister who obtains the highest result, and not less than a first class, in French literature, in part II of the moderatorship examination in French. Should there be no suitably qualified candidate, the prize, in the year in question, will accrue to the capital endowment of the award. Value, €175.

*Prizewinner in 2014:*

Louis Strange

## German

### KATE BIRD T.C.D. ASSOCIATION AND TRUST MEMORIAL PRIZE

This prize was instituted in 1991 by the Department of Germanic Studies with the support of the Association and Trust and Kate Bird's family and friends. It commemorates a Senior Freshman student of the department, who was killed in an accident while studying in Germany. The sum of €650 will be awarded annually on merit to assist needy Senior Freshman students to study abroad as part of their University of Dublin degree in German.

### CARR-JACKSON DISSERTATION PRIZE

This prize was established in 2008 by a gift from alumni and colleagues on the retirement of Dr Gilbert Carr and Professor Timothy Jackson to mark their long years of service to College, the Department of Germanic Studies and its students, and the discipline. The prize is awarded annually, at the discretion of the department, to a Senior Sophister student submitting an outstanding dissertation. Value, €100.

*Prizewinner in 2014:*  
Aoibheann Molumby

### ERNST SCHEYER PRIZE

This prize was founded in 1960 by a gift in memory of Ernst Scheyer, lecturer in the Department of German 1947-58. Two prizes are awarded annually to the students obtaining the highest marks at the Junior Freshman honor examination in German. Value, €100, €50.

*Prizewinners in 2014:*  
1 Mide Ni Ghriofa  
2 Ciara Barry

## Italian

### DANTE ALIGHIERI PRIZE

This prize was founded in 2004 by a gift from Corinna Salvadori Lonergan, her students and graduates (1961-2001), and her colleagues and friends to mark her retirement after forty years of service. It is awarded annually to the Sophister in the two-subject moderatorship course who obtains the highest result, and not less than a second class (first division) in the Dante degree paper. Should none qualify, it may be awarded for outstanding submitted work on Dante at postgraduate level. Value, €250.

*Prizewinner in 2014:*  
Oliver Rhode

### ITALIAN CULTURAL INSTITUTE PRIZE

This prize was founded in 1978 by a gift from the Italian Cultural Institute. It is awarded annually to the best student in the Italian Department at the discretion of that department. Value, €150.

*Prizewinner in 2014:*  
Anais Delmonte

### DAVID NEWMARK PRIZE

This prize was founded in 1978 by a gift from David Newmark and is now continued in his memory. It is awarded annually to the *ab initio* Junior Freshman deemed to have made most progress in Italian. Value, €100.

*Prizewinner in 2014:*  
Luiza Dubicka



#### EVASIO RADICE PRIZE

This prize was founded in 1982 by a gift from Fulke R. Radice, C.B.E., M.A. (OXON.), in memory of his grandfather, the patriot Evasio Radice, who was Professor of Italian 1824-49. The prize is awarded annually to the Senior Sophister in the two-subject moderatorship course who obtains the highest result, and not less than a second class (first division), in the moderatorship examination in Italian.

*Prizewinner in 2014:*

Elizabeth Key

#### Russian

##### W.H.B. GREENWOOD MEMORIAL PRIZE

This prize was founded in 1998 by a bequest from Winifred Greenwood, lecturer in the Department of Russian 1962-89, and its Head until 1987. It is awarded to the Sophister student who achieves the highest assessment (of at least a good second class (first division) standard) in a one- or two-semester module, or dissertation in the fields of Russian literature or cultural studies. Value, €195.

*Prizewinner in 2014:*

Laura Gozzi

##### JULIAN A. KAMENSKY PRIZE FOR ORAL RUSSIAN

This prize, in memory of Julian A. Kamensky who taught in the Department of Russian 1968-75, was founded in 1986 by a gift from two anonymous donors. It is offered annually to the Senior Sophister student who achieves the highest level of spoken Russian in the moderatorship part II examination. Value, €50.

*Prizewinner in 2014:*

Liath Gleeson

##### C.B. ROBERTS MEMORIAL PRIZE

This prize was founded in 1992 in memory of Christopher Brooke Roberts, lecturer in the Department of Russian 1969-91. It is awarded to the Sophister student who achieves the highest assessment in an option in the fields of comparative Slavonic or Russian linguistics, or in the history of the Russian language. Value, €95.

*Prizewinner in 2014:*

Liath Gleeson

#### Music

##### MAHAFFY MEMORIAL PRIZE

This prize was founded in 1951 by a bequest from George Bell. It may be awarded to a Bachelor in Music or a Moderator in Music of the University for an original musical composition or for an essay on the theory or history of music, embodying some original research. Intending candidates are advised to consult the Head of Music before submission. Value, €508.

*Prizewinner in 2014:*

Dylan Coburn Gray

##### GEOFFREY SINGLETON PRIZES IN MUSIC

Two prizes, founded in 2005 by a generous donation from the estate of a University of Dublin graduate Geoffrey Singleton, are awarded annually, if there are candidates of sufficient merit, for the best two final projects (dissertation, music technology final project or composition) submitted as part of the moderatorship part II examinations in music (single honor or two-subject moderatorship). In exceptional cases the court of examiners shall have discretion to combine the awards into a single prize. Value, €740 each.

*Prizewinners in 2014:*

- 1 Sorcha Hamill
- 2 Elliot Murphy

#### STEWART AND PROUT PRIZE

This prize was founded in 1951 by a bequest from George Bell. It is awarded annually for the best Senior Sophister final project (dissertation or composition) on the recommendation of the Department of Music board of examiners. Value, at least €77.

*Prizewinner in 2014:*

Sorcha Hamill

#### GERARD VICTORY COMPOSITION PRIZE

This prize, founded in 2005 by a generous donation from the family of Dr Gerard Victory, is awarded annually for the best composition submitted as part of the moderatorship part II examinations in music (single honor or two-subject moderatorship). Value, €500.

*Prizewinner in 2014:*

Elliot Murphy

### **Near and Middle Eastern Studies**

#### HADDICK MEMORIAL PRIZE

This prize was founded in 1967 by Dr. H. G. K. Haddick as a memorial to his brother, the Rev. Dr. James E. K. Haddick. The prize is to be awarded to the best answerer in the department of Near and Middle Eastern Studies at the Junior Sophister examination in Hebrew, provided sufficient merit is shown. Value, €191.

#### HINCKS MEMORIAL PRIZE

This prize was founded in 1944 by a gift from J. H. Magee in memory of Edward Hincks, Fellow 1813-20, to encourage the study of the language, history, religion, literature, culture and ideas of the Hebrews in Old Testament times, and of Old Testament archaeology. The prize is awarded in two parts, one to an undergraduate of the Junior Sophister year and the other to a postgraduate student in the department of Near and Middle Eastern Studies. In each case the award is made for a dissertation within the areas designated. The topic chosen should be approved in advance, and the dissertation should be submitted not later than 1 October. In the event of two or more dissertations being judged to be of equal and sufficient merit, the prizes may be divided. Value, undergraduate prize €381; postgraduate prize €2,540.

*Prizewinner in 2014:*

Emily Parker

#### DAVID PARRIS PRIZE FOR ARABIC

This prize was founded in 2013 by Mr David Parris, F.T.C.D. The prize is to be awarded to the Junior Sophister student who achieves the best overall mark in the Intermediate Arabic module in the Department of Near and Middle Eastern Studies, provided sufficient merit is shown. Value, €75.

### **Philosophy**

#### JOHN ISAAC BEARE PRIZE IN PHILOSOPHY

This prize was founded in 1953 by a bequest from W. E. P. Cotter in memory of John Isaac Beare, Fellow 1887-1918. It is divided into three parts and one part is awarded in each of the first three years of the honor course in philosophy. Part I is awarded at the end of the Trinity term in each year to the Junior Freshman student who has submitted the best essays on the topics prescribed at tutorial or other lectures during the academic year. Similar regulations apply to

parts II and III in the Senior Freshman and Junior Sophister years respectively. The prizewinners may select books, to the value of the prize awarded, at the University booksellers. Value, €89 each part.

*Prizewinners in 2014:*

Jaya Powell  
Conor Corbett  
Theo McKinley  
Brendan Cagney

#### JOHN HENRY BERNARD PRIZES

These prizes were founded in 1929 by subscription in memory of John Henry Bernard, Provost 1919-27. A prize is awarded annually in the Junior Freshman year and in the Junior Sophister year on the results of the honor examinations in philosophy; in the Senior Freshman year the prize is awarded to the candidate who performs best at the examination for foundation scholarship. The prize is open to candidates in (a) philosophy only, (b) philosophy as part of a combined honor course. In the case of (b) only the candidate's performance in philosophy is taken into account. Value of each prize, €108.

*Prizewinners in 2014:*

John Byrne  
Molly O'Leary  
William Michael Foley  
Annabel Pidgeon  
Emily Daly

#### MADELEINE FARRELL MEMORIAL PRIZE IN PHILOSOPHY OF MIND

A prize of €250 has been provided by a benefactor and former student of philosophy and medicine at Trinity College, Dr Thomas Farrell, in honour of his mother, Madeleine Farrell.

The prize will be awarded each year to the person who gains the highest mark for a Senior Sophister dissertation in philosophy of mind, given that, according to the examiners, a sufficiently high standard has been achieved. The prize will be available for award for five years commencing 2011-12.

*Prizewinner in 2014:*

Robert McGuinness

#### MARION KORNREICH MEMORIAL PRIZE ON THE SENSES

A prize of €200 has been provided by Dr David Berman in honour of his mother.

The prize is for an essay (of about 3,000 words) on the philosophy and psychology of the senses – with special consideration given to an essay on the sense of taste – which is deemed by the examiner or examiners to show an acute understanding of the subject. The prize is to be awarded annually, initially for two years, commencing 2013-14, the submitted essay or essays to be judged by Dr Berman and/or a lecturer in philosophy.

The choice of subject for this prize continues the tradition famously begun by Berkeley with his *Essay towards a new theory of vision*, 1709, and continued by T.K. Abbott in *Sight and touch*, 1864, and in a more scholarly way by John Isaac Beare in *Greek theories of elementary cognition from Alcmaeon to Aristotle*, 1906, which works should be consulted by those interested in submitting an essay.

#### ARTHUR ASTON LUCE MEMORIAL PRIZE

This prize was founded in 1977 from a general bequest to the College by Arthur Aston Luce, Fellow 1912-77, Professor of Moral Philosophy 1934-49, Berkeley Professor of Metaphysics 1953-77. It is awarded annually to the student who on aggregate obtains the highest marks in the papers at part II of the moderatorship examination. Value, €166.

*Prizewinner in 2014:*  
Matthew O'Dowd

#### LILIAN MARY LUCE MEMORIAL PRIZE

This prize was founded in 1941 by a gift from the Rev. Arthur Aston Luce, Fellow 1912-77, in memory of his wife, Lilian Mary Luce, gold medallist in mental and moral science. It is awarded on the result of a written examination held annually in Trinity term conducted by two examiners appointed from the honor examiners in philosophy. The course consists in the main of portions of Berkeley's philosophical works, preferably those not specified in the honor course. Works on the Berkeleyian philosophy may be included. The course, which may be varied from year to year, is prescribed by the Professor of Philosophy. The examination is open only to students taking the single honor course in philosophy or taking philosophy as part of a two-subject moderatorship course. It may be taken in either the Junior Freshman or the Senior Freshman year, but no student may be a candidate on more than one occasion. Notice of intention to compete must be sent to the Senior Lecturer by 15 February. In the case of close answering the Board may divide the prize, on the recommendation of the examiners. Value, €381.

*Course for 2015-16:*

Paper 1 *Essay towards a new theory of vision*

Paper 2 *Alciphron*, ed. D. Berman

*Prizewinner in 2014:*  
Dean McHugh

#### HENRY STEWART MACRAN PRIZE

This prize was founded in 1941 by a bequest from Miss Eileen Frances Gertrude McCutchan in memory of Henry Stewart Macran, Fellow 1892-1937. It is awarded annually to the candidate who gains the best aggregate of marks at a written examination on Hegel's system of philosophy and for an essay 'on a subject of a metaphysical or ethical and not merely psychological or logical character'.

Candidates must be under M.A. standing, and if undergraduates, must have their names on the College books. No candidate may win the prize more than once, but an unsuccessful candidate may compete again.

The examination is held in Trinity term. The course consists of (1) a prescribed portion of Hegel's works (100 marks) and (2) a critical or expository work on Hegel (100 marks). Notice of intention to compete must be given to the Senior Lecturer at the beginning of Hilary term.

The subject of the essay (200 marks) is one of a number of topics prescribed annually by the Professor of Philosophy and two other examiners appointed by the Board, or else a topic proposed by the candidate at the beginning of Hilary term and approved by the examiners. It must be 8,000-9,000 words in length. It must be handed to the Professor on the morning of the first day of the examination, and must be signed by the candidate and accompanied by a list of authorities consulted, and by a statement that the essay is the candidate's own work. Value, €318.

*Prizewinner in 2014:*  
Dean McHugh

#### GEORGE MCCUTCHAN PRIZE

This prize was founded in 1941 by a bequest from Miss Eileen Frances Gertrude McCutchan, in memory of her father, George McCutchan. It is awarded annually by the Board on the recommendation of the Professor of Philosophy and the moderatorship examiners to the candidate for moderatorship in philosophy, or for a two-subject moderatorship in which philosophy is included, who obtains a first or second class moderatorship, and shows the best knowledge of Hegel in an essay relating to some aspect of his system of philosophy, as agreed by the candidate and the head of department. Value, €508.

## WRAY PRIZE

This prize was founded in 1848 by a gift from Mrs Catherine Wray, widow of Henry Wray, Fellow 1800-47, to encourage metaphysical studies. The prize is awarded annually to the student who submits the best dissertation at the moderatorship examination in philosophy. Value, €445.

*Prizewinner in 2014:*

Nicholas James Clairmont

## WRAY TRAVELLING SCHOLARSHIP

This prize was founded in 1977 out of funds accumulated through the gift from Mrs Catherine Wray described above under WRAY PRIZE. The purpose of the prize is to enable a student to spend time abroad visiting or studying at some centre of philosophical learning (to be chosen in consultation with the Head of the Philosophy Department); and it is awarded to a student who achieves a very high standard at the moderatorship examination. The prize will not necessarily be awarded annually. Value, €3,175.

*Prizewinner in 2014:*

Ashika Singh

## Political science

### PATRICK KEATINGE UNDERGRADUATE PRIZE

This prize was founded in 2012 with support from the Trinity Alumni Appeal in honour of Professor Patrick Keatinge, who was a distinguished member of the Department of Political Science, as a researcher and teacher, from 1963-99. It is awarded annually to the Senior Sophister student, studying political science alone in the Senior Sophister year, who achieves the best performance. Value, a book prize of €100 and a medal.

### JAMES KILLEN PRIZE IN POLITICAL SCIENCE AND GEOGRAPHY

The James Killen prize in Political Science and Geography was founded in 2014/15 by the Departments of Geography and Political Science. It is awarded annually, from 2014/15 to 2020/21 inclusive, on the recommendation of the two departments, to the continuing Political Science and Geography Junior Sophister student who, in the judgement of the programme's Junior Sophister court of examiners, performs at the highest level in the Junior Sophister year. Value, €100.

### TRINITY TRUST PRIZE

This prize was contributed by Trinity Trust in 1980. The prize is awarded to the moderatorship student with the best overall marks in single honors sociology, single honors political science, or joint honors political science and sociology. Value, €77.

*Prizewinner in 2014:*

Barry Price

## Psychology

### UNA BURKE MEMORIAL PRIZE IN CHILD PSYCHOLOGY

This prize was founded in 2004 by the friends, colleagues and family of the late Una Burke, a doctoral student in psychology. It is awarded annually to the Senior Sophister or Higher Diploma psychology student who gains the highest mark in their final year dissertation in the area of child psychology (covering ages 0-18). Value, €100.

*Prizewinner in 2014:*

Cal-Ryan McDonagh

#### DEREK FORREST PRIZE IN PSYCHOLOGY

This prize was founded in 1991 by a gift from Professor D.W. Forrest. It is awarded annually to the Sophister or Higher Diploma psychology student who presents the best final year dissertation, provided that a grade of first class honors is attained. Value, €77.

*Prizewinner in 2014:*

Fiona Lawlor

#### RAY FULLER PRIZE IN PSYCHOLOGY

This prize was founded in 2003 by a gift from Dr R.G.C. Fuller. It is awarded annually to the group of Junior Sophister psychology students who receive the highest mark in the group project assessment. Value, €160.

*Prizewinners in 2014:*

Rachel Conlon

Orla Connolly

Holly Hanlon

Nicola Taylor

#### THE GRADUATES' PRIZE IN PSYCHOLOGY

This prize was founded in 1985 from donations received by the Department of Psychology from graduates who subscribed to a prize in conjunction with the celebration of the twenty-first anniversary of the founding of the department. It is awarded annually to the best Sophister or Higher Diploma year 2 student in psychology. Value, €127.

*Prizewinners in 2014:*

Cal-Ryan McDonagh

Aisling Colclough

#### ALICE McAVOY MEMORIAL PRIZE

This prize was established in 1998 to honour the memory of Alice McAvoy, a postgraduate student of psychology, who died in September 1997. The prize was founded by the family, friends and colleagues of Alice. It is awarded annually to the Senior Sophister or Higher Diploma psychology student who makes the best poster presentation of his/her final year project. Value, €51.

*Prizewinner in 2014:*

Niamh Doyle

#### GEORGE WHITE MEMORIAL PRIZE

This prize was founded in 1999 in memory of Captain George White, aviator and psychologist, by a gift from his wife, Maevie. It is awarded annually to a psychology student in Trinity College for a research-based paper, which has been accepted for publication. Value, €127.

### **Religions and theology**

#### THE 1983 PRIZE IN BIBLICAL GREEK

This prize derives from a gift made in 1983 by an anonymous benefactor. The prize is awarded to the student who achieves the highest mark in the 'Introduction to Greek' examination at the end of the Senior Freshman year. A second instalment is payable in the student's Junior Sophister year provided a satisfactory level of achievement in the language is maintained. Value, €77 per annum.

#### JOHN A. BOLAND MEMORIAL PRIZE

The John Boland memorial prize was founded in 2003 by subscription in memory of John Boland. It is awarded annually by the U.K. Trust for Trinity College Dublin for the best essay

written on a theological topic by a Junior Sophister student in the Department of Religions and Theology. Preference may be given to an essay on an ecumenical or inter-faith topic. Value, £700 sterling.

*Prizewinners in 2014:*

Elizabeth Mohen

Emily Murtagh

#### CARSON BIBLICAL PRIZE

This prize was founded in 1891 by a gift from Joseph Carson, Fellow 1837-98. It is awarded annually in three parts, provided sufficient merit is shown, to those who perform best in the biblical section of the Junior Freshman examination in world religions and theology. Value, first part €635; second part €508; third part €381.

*Prizewinners in 2014:*

Angela Virciu

Richi Nishimura

#### CHURCH FORMULARIES PRIZE AND RYAN PRIZE

The Church Formularies prize was founded in 1868 by a gift from Robert R. Warren, M.P. for the University. The Ryan prize was founded in 1812 by a gift from Edward Ryan. The joint prize is awarded annually to the Senior Freshman student obtaining the highest mark in systematic theology. Value, €64.

#### ELRINGTON PRIZE

This prize was founded in 1837 by subscription in memory of Thomas Elrington, Provost 1811-20. It is awarded for the best essay written by a Senior Freshman student in the Department of Religions and Theology on a topic set by the professors and full-time academic staff on a topic announced on the first day of the Michaelmas term each year which shall be in keeping with the original terms of the trust so far as these now apply. Value, €635.

#### BISHOP FORSTER'S DIVINITY PREMIUM

This prize was founded in 1738 by a gift from Nicholas Forster, Fellow 1693-1714. It is awarded annually in four parts, two first prizes and two second prizes. The first prizes are awarded to those who come first in the biblical studies examination and essay work of the Senior Freshman year, and in the theology examination and essay work of the Senior Freshman year; the second prizes are awarded to those who come second. Value, first prize €762 each; second prize €381 each.

*Prizewinners in 2014:*

1 James Canavan

2 Hannadi Al-Hassan

#### ROBERT KING MEMORIAL PRIZE IN ECCLESIASTICAL HISTORY

This prize was founded in 1902 by subscription in memory of Robert King, Scholar 1835. It is awarded to the student who presents the best dissertation on a theological studies topic in the Senior Sophister year. Value, €445.

*Prizewinner in 2014:*

Alyson Martine Staunton

#### LAMBERT PRIZE

This prize was founded in 1942 by a bequest from Richard A. Lambert. It is awarded annually to the student who achieves the highest marks in the module 'Intermediate Greek' at the end of the Junior Sophister year. Value, €51.

*Prizewinner in 2014:*  
Victoria Wisdom

#### TOPLADY MEMORIAL SCRIPTURE PRIZE

This prize was founded in 1906 by a gift from William Batley, in memory of Augustus Montegue Toplady. It is awarded annually to the student who presents the best dissertation on a biblical studies topic in the Senior Sophister year. Value, €953.

*Prizewinner in 2014:*  
Marie Veronica Flanagan

#### WALL BIBLICAL SCHOLARSHIPS

These scholarships were founded in 1858 by a gift from Charles William Wall, Fellow 1805-62. The conditions of award are under review.

#### NEWPORT WHITE PRIZE

This prize was founded in 1935 by a gift from N.J.D. White, Regius Professor of Divinity 1930-35. It is awarded annually to the student who achieves the second highest marks in the module 'Intermediate Greek' at the end of the Junior Sophister year. Value, €32.

#### **Social studies**

#### VIVIENNE DARLING PRIZE

This prize was founded in 1993 by subscription in honour of Vivienne Darling, former Head of the Social Studies Department, who retired in 1992 after over forty years service to the College. It is awarded to the Senior Sophister Bachelor in Social Studies student who achieves the best performance in the practice project undertaken as part of the final professional practice placement, provided the student obtains a mark of 65 per cent or higher. Value, €127.

*Prizewinner in 2014:*  
Alana McCormack

#### MARIAN LYNCH MEDAL

This prize was commissioned in 2006 by classmates of Marian Lynch, a Junior Sophister Bachelor in Social Studies (B.S.S.) student who died that year. A medal is presented annually to each member of the group that achieves the highest mark for the Senior Freshman community work project.

*Prizewinners in 2014:*  
Amanda Byrne  
Orla Caffery  
Pauline Carolan  
Anita Dolan  
Penny McKenna

#### MARY LYNCH PRIZE

This prize was instituted in 1983 by friends and colleagues of the late Mary Lynch to commemorate her outstanding work in the development of the Department of Social Studies and its courses and of social work generally in Ireland. It is awarded to the Bachelor in Social Studies student in the Senior Sophister year who achieves the highest aggregate mark overall in written assignments and examinations during the academic year. Value, €381.

*Prizewinner in 2014:*  
Alana McCormack



#### PAULINE MCGINLEY PRIZE

This prize was instituted in 2013 to honour the memory of Pauline McGinley, Bachelor in Social Studies graduate of 1996 who died in 2012. It was established with a gift from her husband, Ken, and daughter, Emma Scally. The prize is to be awarded, on the recommendation of the Director of the B.S.S. programme, to the B.S.S. student in the Sophister years who achieves the highest marks in mental health social work. Value, €100.

*Prizewinner in 2014:*

Niall Cahill

#### MARGARET McLOUGHLIN PRIZE

This prize was founded in 2011 by a gift from the McLoughlin family and friends in memory of Margaret McLoughlin. A prize is awarded annually to a second year student on the Certificate in Contemporary Living course, for excellence in the field of art. Value, €150.

*Prizewinner in 2014:*

Claire Knox

#### ANNE WILLIAMS MEMORIAL PRIZE

This prize was instituted in 1988 to honour the memory of Anne Williams, B.S.S., a student of social studies who graduated in 1987 and died in the same year. It is awarded to the Junior Sophister Bachelor in Social Studies student who achieves the highest aggregate mark overall in written assignments and examinations during the academic year. Value, €172.

*Prizewinner in 2014:*

Aoife Duffy

#### **Sociology**

#### JOHN JACKSON MEMORIAL PRIZE

This prize was founded in 2012 with support from the Trinity Alumni Appeal in honour of the late Professor John Jackson, who was the first Chair of the Department of Sociology (1974-1997). It is awarded annually to the Senior Sophister two-subject moderatorship pattern B sociology major student who achieves the highest grade. Value, €200.

*Prizewinner in 2014:*

Siobhan McDermott

#### SOCIOLOGY DISSERTATION PRIZE

This prize was founded in 2012 with support from the Trinity Alumni Appeal. It is awarded annually to the student who receives the highest dissertation grade in their Senior Sophister year. Value, €200.

*Prizewinner in 2014:*

Emma Chubb

#### SOCIOLOGY TRINITY ALUMNI PRIZE

This prize was founded in 2012 with support from the Trinity Alumni Appeal. It is awarded annually to the Junior Sophister two-subject moderatorship pattern B sociology minor student who receives the highest grade. Value, €200.

*Prizewinner in 2014:*

Aisling Colclough

#### TRINITY TRUST PRIZE

This prize was contributed by Trinity Trust in 1980. The prize is awarded to the moderatorship student with the best overall marks in single honors sociology, single honors political science, or joint honors political science and sociology. Value, €77.

*Prizewinner in 2014:*

Barry Price

**Sociology and social policy**

ANTHONY COUGHLAN PRIZE

This prize was founded in 1999 by a gift from Anthony Coughlan. It is awarded annually, on the recommendation of the court of examiners, to the Senior Sophister student who obtains the highest academic grade or marks in the moderatorship examination in sociology and social policy provided sufficient merit is shown. Value, €127.

*Prizewinner in 2014:*

Niamh McDonnell

# *Prizes in the Faculty of Engineering, Mathematics and Science<sup>3</sup>*

## **Computer science and statistics**

### ALAN BOXBERGER MEMORIAL MEDAL

The medal is awarded annually to the student who obtains the best overall result in the B.Sc. degree in Information Systems.

The award was founded in 1993 and sponsored by the gift of a capital sum from the following organisations: Agricultural Credit Corporation, Sisk Group, Dascom Ltd, Greencore plc.

*Prizewinner in 2014:*

Roberto Druetto

### PROFESSOR JOHN G. BYRNE PRIZE

This prize was established in 2014 with funds provided by Alumni of the School in honour of Professor John G. Byrne, Chair of Computer Science 1973-2003, and Head of the Department of Computer Science from its founding in 1969 to 1987 and from 1990 to 2001. In celebration of excellence, the prize is awarded annually to the student who achieves the highest overall result in the Masters Year of the Integrated Computer Science course provided the result is at Distinction level. Value, €1,024.

*Prizewinner in 2014:*

Joel Coffey

### IBM DAVID DIER MEMORIAL PRIZE

This prize was founded in 1984 and renamed in 2002. It is awarded to the student in management science and information systems studies (MSISS) who is judged by the examiners to have submitted the best final year project. The prize is in memory of David Dier, a member of the first MSISS graduating year, who died in 2001. It is supported by IBM Business Consultancy Services for whom David worked. Value, €1,500.

*Prizewinner in 2014:*

Andrew King

### VICTOR W. GRAHAM PRIZE

This prize, founded in 1986 from funds subscribed by friends and pupils to mark Mr V. W. Graham's retirement, is awarded to the first year student in the moderatorship in computer science course who obtains the highest mark in the summer examination in pure mathematics. Value, €750.

*Prizewinner in 2014:*

Ciaran Costello

### LUDGATE PRIZE

This prize was instituted in 1991 in memory of Percy E. Ludgate, an Irish designer of an analytical engine. It is awarded to the student who submits the best project in the fourth year of the moderatorship in computer science. Value, €127.

*Prizewinner in 2014:*

Stephen Rogers

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<sup>3</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.

## KENNETH MULKEARNS MEMORIAL MEDAL

Irish Life Assurance plc founded a prize in 1992 in memory of Kenneth Mulkearns. A silver medal is awarded annually to the student who is placed first in the B.A. in Computer Science and Business degree examination.

*Prizewinner in 2014:*

Andrew Lawler

## WILLIAM NUROCK PRIZE

This prize was founded in 1938 by a bequest from William Nurock. The conditions for the award of the prize were changed in 1984. It is now awarded annually to the best student in the final year examinations of the moderatorship in computer science, providing that such student also attains gold medal standard. Value, €1,000.

### **Engineering**

## DAVID CLARK PRIZE

This prize was founded by a bequest from David Clark, Professor of Civil Engineering 1921-33. It is awarded to the student who is placed first at the annual examination for the degree of B.A.I. specialising in electronic engineering provided that first class honors is attained. Value, €1,000.

## CLARK MEMORIAL PRIZE

This prize was founded in 1934 by subscription in memory of David Clark, Professor of Civil Engineering 1921-33. It is awarded to the student who is placed first at the annual examination for the degree of B.A.I. specialising in electronic/computer engineering provided that first class honors is attained. Value, €500.

*Prizewinner in 2014:*

David Murphy

## ALEXANDER PRIZE

This prize was founded in 1922 by subscription in appreciation of the work of Thomas Alexander, Professor of Civil Engineering 1887-1921. It is awarded to the student who is placed first at the annual examination for the degree of B.A.I. specialising in civil, structural and environmental engineering provided that first class honors is attained. Value, €350.

*Prizewinner in 2014:*

Cynthia Vial

## JEFFCOTT PRIZE

This prize was founded in 1966 by a bequest from Mrs L.E.H. Jeffcott. It is awarded to the student who is placed first at the annual examination for the degree of B.A.I. specialising in mechanical and manufacturing engineering provided that first class honors is attained. Value, €250.

*Prizewinner in 2014:*

Paul O'Donnell

## MacNEILL PRIZE

This prize was founded in 1970 by a gift from Professor J.H. Calderwood. It is awarded to the student who is placed first at the annual examination for the degree of B.A.I. specialising in computer engineering provided that first class honors is attained. Value, €125.

*Prizewinner in 2014:*

Jack Fitzsimons

### MARMADUKE BACKHOUSE PRIZES

These prizes were founded in 1937 by a bequest from Mrs Alice Backhouse. They are awarded annually after the annual examination of the first year of the B.A.I. degree examination to students with the highest aggregate of marks. No mark below a pass mark being counted in computing the total.

The prizes are paid in two equal instalments, the first in July following the award, and the second at the end of Hilary term of the following year. Payment of the second instalment is dependent on the Dean of the Faculty being satisfied as to the student's progress in the second year of the course. Not more than three prizes will be awarded annually. Value, first prize €2,500, second prize €1,500, third prize €500.

*Prizewinners in 2014:*

- 1 Alistair Greene
- 2 Sarah O'Rourke
- 3 Siddharth Gupta

### COLLEN PRIZES

These prizes were founded in 1957 by a gift from L.D.G. Collen, M.A., M.A.I. to encourage interest in current engineering practice. Four prizes are offered annually in the final year of the B.A.I. degree course, one in each of the following: (i) Civil, Structural and Environmental Engineering, (ii) Computer Science, (iii) Electronic and Electrical Engineering, (iv) Mechanical and Manufacturing Engineering, for the best project or joint project on the nomination of the head of department. Value, €120 each.

*Prizewinners in 2014:*

- Civil, structural and environmental engineering*  
Cynthia Vial
- Computer science*  
Jack Fitzsimons
- Electronic and electrical engineering*  
Nicolas Welaratne
- Mechanical and manufacturing engineering*  
Conor Reid

### COLLEN PRIZE IN ARTS

This prize was founded in 1963 by a gift from L.D.G. Collen, M.A., M.A.I. The prize is awarded annually to the third year engineering student who gives the best performance in the module 'management for engineers'. Value, €120.

*Prizewinners in 2014:*

- Miriam Eve O'Connor  
Conor Sexton

### PROFESSOR SIR BERNARD CROSSLAND PRIZE

This prize was established in 2007 by a generous gift from Professor Sir Bernard Crossland and is awarded annually to the fourth year student obtaining the highest aggregate of marks at the engineering with management examinations provided that overall first class honors is attained. Value, approximately €600.

*Prizewinner in 2014*

- Gareth Mahon

### EDGE ENGINEERING PRIZE

This prize is awarded to the student who obtains the highest marks in geology at the third year engineering examination. Value, €550.

*Prizewinner in 2014:*  
Aleksejs Ivanovs

#### MAURICE F. FITZGERALD PRIZE

This prize was instituted in 1961 by a bequest from Anna Maria FitzGerald. It is awarded annually, where sufficient merit is shown, by the nomination of trustees on the result of the examination for the degree of B.A.I. Candidates must have achieved distinction during the engineering course and have made or be making satisfactory arrangements for the advancement of their knowledge of engineering and progress in the profession of engineer. The value of the prize is approximately €2,500 and is currently administered through the Commissioners of Charitable Donations and Bequests for Ireland

#### PROFESSOR JOHN FITZPATRICK PRIZE

This prize was established in 2013 by a bequest from the Department of Mechanical and Manufacturing Engineering in memory of the late Professor John Fitzpatrick, former Head of the School of Engineering and Chair of Mechanical Engineering. The prize is awarded annually to the best student in the M.A.I. (St.) degree as determined by the court of examiners. Value, not less than €400.

*Prizewinner in 2014:*  
Kate Gillen

#### ROBERT FRIEL MEMORIAL PRIZE

This prize was instituted in 1992 by a gift from Mr and Mrs G.M.S. Friel in memory of their son. It is awarded annually to the best third year engineering student studying computer science. Value, €500.

*Prizewinner in 2014:*  
Conor Sexton

#### VICTOR W. GRAHAM PRIZES

These prizes, founded in 1986 from funds subscribed by friends and pupils to mark Mr V.W. Graham's retirement, are awarded to the first year engineering student who obtains the highest marks in engineering mathematics (modules 1E1 and 1E2) at the annual class examination and to the second year engineering student who obtains the highest mark in engineering mathematics (modules 2E1 and 2E2) at the regular annual class examination. Value, first year prize €750, second year prize €1,000.

*Prizewinners in 2014:*  
Sarah O'Rourke  
Niall Browne

#### M.A.I. STREAM PRIZES

These prizes were established in 2015 in order to recognise the best M.A.I. student in each of the engineering streams and are awarded annually to the student(s) obtaining the highest aggregate of marks at the annual M.A.I. examination. They are funded by the three departments in the School of Engineering and by the School of Computer Science and Statistics. Value, €300.

#### ANITA NEWELL SCHOLARSHIPS

These prizes were founded in 2007 by a bequest from Ms Anita Newell, a former employee of the School of Engineering. They are awarded annually in the first and second years of the Bachelor in Engineering course to the best and second best female engineering student i.e. those achieving the highest and second-highest average of marks at the annual examinations (foundation scholarship candidates are eligible for these scholarships). Value: first year engineering – first place €3,000, second place €2,000; second year engineering – first place €6,000, second place €4,000.

*Prizewinners in 2014:*

*Senior Freshman*

- 1 Aine Cahill
- 2 Sally O'Brien

*Junior Freshman*

- 1 Sarah O'Rourke
- 2 Tara Flanagan

#### DIMOND PAYNE MEMORIAL PRIZE

This prize was instituted in 1966 by H.G.M. Payne, B.A., B.A.I. It is awarded annually to the student obtaining the highest marks in the examination in the fourth year engineering module 'environmental engineering'. Value, €125.

*Prizewinner in 2014:*

John Hickey

#### RPS JUNIOR SOPHISTER ENGINEERING PRIZE

This prize was founded by RPS Consulting Engineers in 2007 to recognise engineering scholarship and to support outstanding academic achievement among third year civil, structural and environmental engineering students. The prize is awarded to the third year engineering student with the highest marks in civil, structural and environmental engineering.

*Prizewinner in 2014:*

Danielle Valerie Bertram

#### RPS SENIOR SOPHISTER ENGINEERING PRIZE

This prize was founded by RPS Consulting Engineers in 2007 to recognise engineering scholarship and to support outstanding academic achievement among fourth year civil, structural and environmental engineering students. The prize is awarded to the fourth year engineering student with the highest marks in civil, structural and environmental engineering.

*Prizewinner in 2014:*

Cynthia Vial

#### B.K.P. SCAIFE PRIZE IN ELECTRONIC ENGINEERING

This prize was established in 1999 by a generous gift from Silicon Systems Limited and by subscription from graduates in appreciation of the work of Brendan Kevin Patrick Scaife, F.T.C.D. 1964, M.R.I.A. 1972, Boyle Medallist of R.D.S. (1992), Professor of Engineering Science (1972-86), Professor of Electromagnetics (1986-8).

It is awarded annually in the third year of the B.A.I. course, on the recommendation of the Head of the Department of Electronic and Electrical Engineering. Value, €350.

*Prizewinner in 2014:*

Stephen Brennan

#### MORGAN SHEEHY PRIZE

This prize was founded in 1993 by subscription from colleagues and friends in memory of Morgan Sheehy, the Managing Director of Ove Arup and Partners Ireland and a major advocate of civil engineering in Trinity College. The prize is awarded annually to the third year engineering student who undertakes the best project work in civil, structural and environmental engineering. Value, €100.

*Prizewinner in 2014:*

Aleksejs Ivanovs

#### FRANCIS SPRING PRIZE

This prize was founded in 1935 by a bequest from Sir Francis Spring. It is awarded annually on

the results of the annual examination of the second year of the engineering course. The prize is currently awarded in three parts. Value: first part €200, second part €150 and third part €100.

*Prizewinners in 2014:*

Aine Cahill  
Jonathan Lynn  
Stefan Walshe

#### STANFORD-SMITH PRIZE

This prize was founded in 1994 by a bequest from Raymond Thomas Kennedy in memory of his grandfather, Francis Stanford-Smith. It is awarded annually in the third year of the Bachelor in Engineering course based on the annual examinations in that year. The prize is awarded in four equal parts; each part is awarded to the student achieving the best examination results in the courses associated with the following: (i) Civil, Structural and Environmental Engineering, (ii) Computer Science, (iii) Electronic and Electrical Engineering, (iv) Mechanical and Manufacturing Engineering. The value of each part is €500.

*Prizewinners in 2014:*

*Civil, structural and environmental engineering*  
Aleksejs Ivanovs  
*Computer science*  
Stephen Ennis  
*Electronic and electrical engineering*  
Conor Sexton  
*Mechanical and manufacturing engineering*  
Matteo Alexander Craglia  
Daire Sherwin

#### E.R. STUART PRIZE IN ENGINEERING

This prize, established in 1982 from funds subscribed by colleagues to mark Mr E. R. Stuart's retirement, is awarded to the first year engineering student who is judged by the School of Chemistry to have given the best performance in the first year engineering chemistry module of that year. Value, €200.

*Prizewinners in 2014:*

Patrick Comer  
Sarah O'Rourke

#### WRIGHT PRIZE

This prize was founded in 1988 by subscription in appreciation of the work of William Wright, Professor of Engineering and Head of the School of Engineering 1957-85. The prize is awarded annually, provided sufficient merit is shown, to the student in the area designated who obtains the highest aggregate of marks at the examination for the degree of B.A.I.

*Designated areas*

- 2015 Mechanical and manufacturing engineering
- 2016 Electronic engineering
- 2017 Computer engineering
- 2018 Biomedical engineering
- 2019 Electronic/computer engineering
- 2020 Civil, structural and environmental engineering

The designated areas reflect the six streams currently offered and may be varied at the discretion of the B.A.I. Management Committee. Value, €1,500.

*Prizewinner in 2014:*

Cynthia Vial



## Mathematics

### LOUIS KENNEDY PRIZE

This prize was founded in 2004 by a benefaction in memory of Louis Kennedy (1958-2000, B.A. 1979) from the estate of his father Richard Kennedy. It is awarded annually to the Junior Freshman student of mathematics in the two-subject moderatorship with the best annual examination result in mathematics. Value, €90.

*Prizewinner in 2014:*

Shannon Leakey

### LLOYD EXHIBITIONS

These exhibitions were founded in 1839 by subscription in memory of Bartholomew Lloyd, Provost 1831-7. Three exhibitions may be awarded to the candidates who obtain highest marks at the Junior Sophister honor examination in mathematics. No student may obtain an exhibition a second time. Value, first prize €1,397, second prize €1,080, third prize €762.

*Prizewinners in 2014:*

- 1 Ewan Dalby
- 2 Darragh Paul Broughan Monnin
- 3 Kimara Lynch

### ARTHUR LYSTER PRIZE

In 1951 a sum was received under the will of Miss Alice Lyster to found a prize in mathematics, and a further sum was added by her executors. Up to eight prizes may be awarded each year on the basis of examination performance in mathematics in any of the Junior Freshman, Senior Freshman or Junior Sophister years. A candidate who has been awarded a Townsend or Rowe prize or a Lloyd exhibition will not be eligible to receive a Lyster prize in the same year. Value, four at €477 each, two at €318 each, two at €159 each.

*Prizewinners in 2014:*

- 1 Robert Cronin
- 2 Eamonn O'Shea
- 3 Shannon Leakey
- 4 Andrew Burrows
- 5 Philip Clarke
- 6 John Moroney
- 7 Conor McMeel
- 8 Sarah Halpin

### MICHAEL ROBERTS PRIZE

This prize was founded in 1883 in memory of Michael Roberts, Fellow 1843-82, by a gift from his widow. It is awarded to the first unsuccessful candidate in mathematics in the foundation scholarship examination, provided that sufficient merit is shown. Value, €699.

*Prizewinner in 2014:*

Owen Ward

### ROWE PRIZE

This prize was founded in 1959 by a bequest from Mrs Olive Marjorie Rowe in memory of her husband, Charles Henry Rowe, Fellow 1920-43. It is awarded annually in two parts on the results of the Senior Freshman examinations in mathematics. Value of each part €635.

*Prizewinners in 2014:*

Adam Keilthy  
Fiona Mary McCarthy

### JOHN LIGHTON SYNGE PRIZE IN MATHEMATICS

This prize was founded in 1992 from funds subscribed by friends and past colleagues and students to honour John Lighton Synge, F.R.S., M.R.I.A. [Scholar (1916), Fellow and Professor of Natural Philosophy (1925-30), Honorary Fellow (1954-95)].

It is awarded biennially to a candidate who has distinguished himself/herself at the examination for moderatorship (part I or part II) in general relativity theory or differential geometry, or in another topic in mathematics or theoretical physics related to Professor Synge's interests. Value, €350.

### TOWNSEND MEMORIAL PRIZE

This prize was founded in 1885 by subscription in memory of Robert Townsend, Fellow 1845-84. It is awarded annually in three parts, on the result of the Junior Freshman honor examination in mathematics, special consideration being given to the answering on that part of the course related to geometrical studies. Value, first part €889, second part €762, third part €635.

*Prizewinners in 2014:*

Maeve Madigan  
Sean Martin  
Brian Tyrrell

### Science

### LESLIE BLOOMER PRIZE IN HUMAN GENETICS

This prize was founded in 1996 by a gift from the family and friends of the late Leslie Bloomer (B.A. 1965), a highly respected teacher at The Masonic and The King's Hospital Schools. It is awarded, on the advice of the Professor of Genetics, to the student of human genetics who has distinguished himself/herself in the Junior Sophister examinations and who has decided to carry out a summer research project. Value, €127.

*Prizewinner in 2014:*

Michael O'Dwyer

### JULIAN BOLDY PRIZE IN GEOLOGY

This prize was founded in 1987 by a gift from Mrs Margaret P. Boldy in memory of the late Julian Boldy. It is awarded annually on the basis of the Junior Freshman examination in geology. Value, €83.

*Prizewinner in 2014:*

Kevin Lyons

### MARGARET CIOTTI PRIZE

This prize was founded in 1996 by Dr Bruno Orsi in honour of his wife, Margaret Ciotti, and, from 1999 as a memorial to her. It is awarded each year by an annual gift to the final year biochemistry student who has shown excellence in research during their project and, in this way, reflects Margaret's scientific career in the U.S. Value, €127 and a commemorative bronze medal.

*Prizewinner in 2014:*

Sorcha Forde

### COCKER PRIZE IN CHEMISTRY

This prize was founded in 1949 by a gift from Sir William W. Cocker, O.B.E., LL.D. (*h.c.*). Provided sufficient merit is shown, the prize is awarded annually by the Board on the recommendation of the Head of the School of Chemistry to the student taking a moderatorship in chemistry, medicinal chemistry or chemistry with molecular modelling who shows the greatest

practical ability during his or her Senior Sophister year. If income permits additional prizes, or a prize of greater value, may be awarded. Value, €760 and a silver medal.

*Prizewinner in 2014:*

Ciara McGlynn

#### E.A. COLLEN PRIZE IN ZOOLOGY

This prize was founded in 1990 by a bequest of IR£2,000 from Mrs E.A. Collen. The income from the fund is awarded annually to a student who has completed a moderatorship in zoology and has been accepted by Trinity College as a candidate for a higher degree. It is intended to encourage research in zoology and is awarded on the recommendation of the head of department. The principal criterion for the award will be an aptitude for research as demonstrated by the student's final year project and other practical work. Value, €115.

*Prizewinner in 2014:*

Sharon Matthews

#### DAWSON PRIZE IN GENETICS

This prize was founded in 1990 by colleagues and friends of George Dawson, member of staff (1950-87) and Professor of Genetics (1967-87). He founded the department in 1959 and started a programme of summer research for rising Senior Sophisters.

The prize will be awarded on the recommendation of the Professor of Genetics to the best qualified Junior Sophister who wishes to carry out research in the summer prior to entering the Senior Sophister year. Value, €508.

*Prizewinner in 2014:*

Indigo Pratt Kelly

#### MAUREEN DE BURGH MEMORIAL PRIZE IN MARINE BIOLOGY

This prize was established in 1986 by subscription in memory of Dr Maureen de Burgh to promote research in marine biology. It is awarded annually to a postgraduate or undergraduate student to cover expenses related to research in marine biology at Trinity College, on the recommendation of the Professor of Zoology and one other lecturer in the department. Value, €140.

#### EDGE PRIZES IN BOTANY

Two prizes, the Junior Edge prize and the Senior Edge prize, are normally awarded annually.

The Junior Edge prize is awarded to the best student of those reaching sufficient standard in botany in the Junior Sophister year as nominated by the annual departmental examiners' meeting. Value, €220.

The Senior Edge prize is awarded to the Senior Sophister student in botany whose honors dissertation is judged to be of the highest standard of the cohort of dissertations which achieve sufficient standard. Value, €220.

*Prizewinners in 2014:*

*Senior Sophister*

Ciara Deegan

*Junior Sophister*

Marta Jankowska

Kevin Sheridan

#### EDGE PRIZES IN GEOLOGY

Two prizes are awarded annually, one to the Junior Sophister who obtains the highest marks at the Junior Sophister honor examination in geology and whose work in that examination is of appropriate standard; the other to the Senior Freshman, intending to moderate in geology, who has shown most promise. Value of each prize, €223.

*Prizewinners in 2014:*

*Junior Sophister*  
Robert Emo  
*Senior Freshman*  
Alexander Dickson

#### RONALD A. FISHER PRIZE IN GENETICS

The Ronald A. Fisher prize in genetics is awarded annually to a Sophister student who has excelled in oral presentation of a topic of his/her own choice within the field of genetics. The prize was established by a gift from George Dawson who founded the Department of Genetics in 1958 and led it until 1987. Sir Ronald Fisher, Baldwin Professor of Genetics at Cambridge (1943-57), was acknowledged as a leading authority on genetical theories of natural selection and statistics and was a major influence on George Dawson, a student at Cambridge. The prize will be awarded on the advice of the Head of the Department of Genetics. Value, €191.

*Prizewinners in 2014:*

Aoife Scally  
Aistis Balciunas

#### FITZGERALD MEDAL AND PRIZE

A FitzGerald medal will be awarded annually on the recommendation of the Head of the School of Physics to the candidate who obtains a first class moderatorship in physics and who has shown outstanding merit. In exceptional circumstances a second medal may be awarded. A book prize, value €127, will also be awarded by the school.

*Prizewinner in 2014:*

Anna Page Lawless

#### J.B. GATENBY PRIZE

This prize was founded in 1968 by Mrs R.R. Edwards in memory of the late Professor J.B. Gatenby. The prize is awarded to the member of the Junior Sophister honor class who carried out the best practical work in zoology during the year, the specimens, records and drawings illustrative of the work to be submitted to the Professor of Zoology not later than the date of the annual Junior Sophister honor examination. Value, €64.

*Prizewinner in 2014:*

Tilly Lonergan

#### GUINNESS PRIZE IN MICROBIOLOGY

This prize was founded in 1983 by Guinness Ireland Limited. It is awarded annually to the student accepted into Junior Sophister microbiology who performs best in the Senior Freshman examination in science. Value, €200 book token.

*Prizewinner in 2014:*

Stefano Biondi

#### HAUGHTON PRIZE IN GEOGRAPHY

This prize, established in 1989 from funds subscribed to honour Joseph P. Haughton, Fellow *emeritus* and formerly Professor of Geography, is awarded to the best student of geography in the Junior Sophister year as nominated by the annual departmental examiners' meeting. Value, €305.

*Prizewinner in 2014:*

Scott Kellan

#### HENDERSON-LLOYD PRIZE IN ADVANCED MATERIALS

This prize is awarded to the student who has obtained the highest marks in the moderatorship examination in nanoscience, physics and chemistry of advanced materials.

Dr B. Henderson was formerly Erasmus Smith's Professor of Natural and Experimental Philosophy, Dr D.R. Lloyd was University Professor of Chemistry, and together they were instrumental in establishing the materials moderatorship in Trinity College Dublin. The prize is awarded on the recommendation of the Director of Nanoscience, Physics and Chemistry of Advanced Materials. Value, €508.

#### HENLEY MEMORIAL PRIZE

This prize was founded in 1963 by a bequest from Miss Florence I. Henley in memory of her brothers, E.A.W. Henley, M.D., and F.L. Henley, M.A. The prize is awarded to the candidate who obtains the highest average mark at the annual Junior Freshman honor examination in science. Value, €115.

*Prizewinner in 2014:*

Anton Feeny-Johansson

#### C.H. HOLLAND PRIZE

This prize is awarded to the student obtaining the highest overall mark in the geology moderatorship. Value, €100.

*Prizewinner in 2014:*

Gary John O'Sullivan

#### C. WALTER JONES BOOK PRIZE IN ORGANIC CHEMISTRY

This prize was founded in 1969 by a gift of £250 from Mrs R.P. Edwards and other relatives of the late C. Walter Jones. Provided sufficient merit is shown, it is awarded on the recommendation of the Head of the School of Chemistry to the student who obtains the highest marks in organic chemistry at the annual Senior Freshman examination in chemistry. Value, €127.

*Prizewinner in 2014:*

Leran Zhang

#### KINGSMILL JONES MEMORIAL PRIZE

This prize was founded in 1920 by subscription in memory of Captain Kingsmill Williams Jones, killed in action 2 August 1918. The prize is awarded on the result of the examination for foundation scholarship in science to the best unsuccessful candidate. Value, €826.

*Prizewinner in 2014:*

Regan Drennan

#### ELI LILLY CHEMISTRY PRIZE

This prize was founded in 1991 by Eli Lilly to foster the study of chemistry. It is awarded annually, on the nomination of the Head of the School of Chemistry, to the science student who gives the best overall performance in Junior Freshman chemistry.

*Prizewinner in 2014:*

Kate Reidy

#### DR GEORGE A. LONERGAN PRIZE

This prize was founded in 1985 in memory of the late Dr George Lonergan, by subscription from his friends. The prize is awarded annually on the recommendation of the Head of the School of Chemistry to the student of chemistry who gives the best performance in the Junior Sophister year in the chemistry, medicinal chemistry or chemistry with molecular modelling courses, provided sufficient merit is shown. Value, €380.

*Prizewinner in 2014:*

Ciara Mary McDonnell

### LUNDBECK NEUROSCIENCE PRIZE

This prize was founded in 2004 by Lundbeck (Ireland) Ltd, to foster the study of neuroscience in Ireland. The prize is awarded annually, on the recommendation of the Director of the neuroscience degree course, to the student who achieves the highest marks in the Senior Sophister year of the moderatorship in neuroscience. Value, €500.

*Prizewinner in 2014:*

Sean O'Malley

### DAVID MCCONNELL SCHOLARSHIP IN HUMAN GENETICS

This scholarship, funded by gifts from graduates and friends of genetics, is awarded to the leading student in human genetics, selected by competition, to facilitate a research internship at an institution for two to three months in the summer of their Junior Sophister year. David McConnell, a graduate of genetics (1966) taught at Trinity from 1970 to 2014. He was Fellow (1978-2007), Professor of Genetics (1990-2014), Vice-Provost (1999-2001) and Senior Fellow (2007-2014). The value of the scholarship will be at the discretion of the Head of Genetics, based on the availability of funds.

### BARBARA McCLINTOCK PRIZE IN HUMAN GENETICS

The Barbara McClintock prize in human genetics is awarded annually to a Sophister student of human genetics who has excelled in oral presentation of a topic of his/her own choice within the field of genetics. The prize was established by a gift from George Dawson who founded the Department of Genetics in 1958 and led it until 1987. Barbara McClintock was awarded the Nobel Prize in medicine in 1983 for her work on mobile genetic elements. George Dawson lectured on McClintock's work long before it was widely appreciated and she greatly influenced his early studies on unstable strains of bacteria. The prize will be awarded on the advice of the Head of the Department of Genetics. Value, €191.

*Prizewinner in 2014:*

Michael O'Dwyer

### W.H.A. MACINTOSH PRIZE

This prize was founded by a legacy from Mr W.H.A. Macintosh, former chief technician in the Department of Chemistry. It is awarded annually to the student who is proceeding directly from moderatorship to undertake research in the School of Chemistry, leading to a Ph.D. in inorganic, organic or physical chemistry, and who has obtained the highest mark in his or her chemistry moderatorship examination. Value, €635.

### BRIAN McMURRY PRIZE

This prize was established in 2009 by the friends of Dr Brian McMurry, sometime Professor of Organic Chemistry, on his retirement. It is awarded each year to the Junior Sophister candidate from outside the European Union who is a student of the natural sciences and who obtains the highest overall marks in the annual examinations. Value, €130.

*Prizewinner in 2014:*

Fanyi Li

### D.C. PEPPER PRIZE IN CHEMISTRY

This prize, established in 1982 from funds subscribed by colleagues to mark the retirement of Professor D.C. Pepper from the Professorship of Physical Chemistry, is awarded annually on the nomination of the Head of the School of Chemistry for the time being to the student who performs best in the Senior Freshman chemistry examination. Value, €250.

*Prizewinner in 2014:*

Matthew James Dorman

#### W.E.A. PHILLIPS PRIZE

This prize is awarded to the student who obtains the highest dissertation mark in the geology moderatorship. Value, €100.

*Prizewinners in 2014:*

Eoghan Paraic Corbett  
Gary John O'Sullivan

#### BILLY ROBERTS MEMORIAL PRIZE

In recognition of Dr Billy Roberts' pioneering work in the teaching of biology in College, this prize was founded in 1987 by subscription from his family, friends and colleagues. The prize is awarded annually, provided sufficient merit is shown, on the recommendation of the Director of the Biology Teaching Centre, to the science student who has achieved the best performance in practical work in biology in the Junior Freshman year, based on the results of the annual practical examination and the assessment of the year's practical work. Value, €450.

*Prizewinner in 2014:*

Sarah Larragy

#### BARBARA RYAN MEMORIAL PRIZE IN NEUROSCIENCE

This prize was founded in 2009 by a donation from the Ryan family in memory of Barbara Ryan who was one of the first members of staff of Trinity College Institute of Neuroscience. The prize is awarded annually, on the recommendation of the Director of the neuroscience degree course, to the student who achieves the highest marks in the Junior Sophister year of the moderatorship in neuroscience. Value, €400.

*Prizewinner in 2014:*

Hannah Barrett

#### CYRIL J. SMYTH PRIZE IN MICROBIOLOGY

This prize was founded in 2008 by the donation of the Provost's Lifetime Achievement Award in Teaching and Learning to Professor Cyril J. Smyth. It is awarded annually, on the recommendation of the Professor of Microbiology, to the student achieving the highest marks in the research project in the moderatorship examination in microbiology. Value, €200.

*Prizewinner in 2014:*

Andrew Redmond

#### F.S. STEWART PRIZE IN MICROBIOLOGY

This prize was founded in 1977 by a gift from F.S. Stewart, Professor of Bacteriology and Preventive Medicine 1950-75. It is awarded annually, on the recommendation of the Professor of Microbiology, to the science or medical student achieving the highest marks in the moderatorship examination in microbiology. Value, €200.

*Prizewinner in 2014:*

Andrew Redmond

#### TRINITY TRUST PRIZE IN CHEMISTRY

This prize was founded in 1981 by a donation from the Trinity College Dublin Trust. It is awarded annually, on the nomination of the Head of the School of Chemistry, to the science student who attains the highest overall mark in Junior Freshman chemistry and who is not in receipt of another prize in chemistry. Value, €108.

*Prizewinner in 2014:*

Kyle Frohna

#### A.W.B. VINCENT SCHOLARSHIPS IN GENETICS AND HUMAN GENETICS

These scholarships are awarded to students in genetics and human genetics, selected by competition, to facilitate research internships at institutions for two to three months in the summer of their Junior Sophister year. William Vincent, LL.D. (*h.c.*), (1919-2012) established these scholarships in 1975 and funded them for 40 years. His family and friends contributed to ensure they would continue after his death. Dr Vincent was president of the American Irish Foundation from 1972 to 1987 when it merged with the American Ireland Fund of which he became vice-chairman. He was a generous supporter of many charitable projects in Ireland. The number of scholarships and their value will be at the discretion of the Head of Genetics, based on the availability of funds.

#### WALTON PRIZE IN PHYSICS

This prize was founded in 1978, by a donation from the Trinity College Dublin Trust, in appreciation of E.T.S. Walton, Erasmus Smith's Professor of Natural and Experimental Philosophy 1946-74. It is awarded annually, on the nomination of the Head of the School of Physics, to the student who gives the most meritorious performance in the Junior Freshman physics modules. Value, €150.

*Prizewinner in 2014:*

Anton Feeney-Johansson

#### JAMES D. WATSON SCHOLARSHIP IN GENETICS

This scholarship, funded by a gift from James Watson, SC.D. (*h.c.*), is awarded to the leading student in genetics, selected by competition, to facilitate a research internship at an institution for two to three months in the summer of their Junior Sophister year. James Watson was awarded the Nobel Prize (1962) for his part in discovering the structure of DNA (1953). In 1968 he became director of the Cold Spring Harbor Laboratory (Long Island, New York) and developed it into a major international centre for research and teaching in genetics and molecular biology. The value of the scholarship will be at the discretion of the Head of Genetics, based on the availability of funds.

#### LESLEY WHITE MEMORIAL PRIZE

This prize was founded in 1989 by subscription from family, friends and colleagues, in memory of Dr Lesley White (née Baxter) who was a graduate in biochemistry (1973). The prize is awarded annually, in biochemistry and microbiology alternately, to the best candidate in the Junior Sophister year honor examination in biochemistry (even years) or microbiology (odd years). The appropriate head of school or department makes the recommendation for awarding the prize. Value, €70.

*Prizewinner in 2014:*

Jessica Walls



## *Prizes in the Faculty of Health Sciences<sup>4</sup>*

### PETER GATENBY AWARD

The prize was founded in 2002 in recognition of Professor Gatenby's selfless commitment and contribution to the School of Medicine. It is awarded annually to the student who contributed most to the welfare and academic and social development of the Faculty of Health Sciences. Each course year in the Faculty of Health Sciences (School of Dental Science, School of Medicine, School of Nursing and Midwifery and School of Pharmacy and Pharmaceutical Sciences) may wish to nominate a student via its class representative. Class representatives should forward reasons for their nomination to the Sophister Administrator (School of Medicine Office) by the fourth week of Trinity term for approval by the relevant committee. Value, €250 (book token).

### Dental science

#### DEAN'S PRIZES

This prize is awarded annually by the School of Dental Science to the student(s) who achieves 80 per cent or over in the annual sitting of their end of year examinations in the first, second, third and fourth dental years, first year dental hygiene, first year dental nursing and first and second year dental technology. The prize may be collected from the Dental School Office. Value, €100.

#### *Prizewinners in 2014:*

Ioanna Politi  
Sylwia Nowak  
Nicole Morgan  
Cian Henry

#### DENTAL COUNCIL PRIZES

The Dental Council of Ireland awards a prize to each of the students who achieve the highest mark in the subject of public and child dental health; restorative dentistry and periodontology; and oral surgery, oral medicine and oral pathology at the annual sitting of the final dental examination. The prize will be presented at a school prize-giving ceremony. The Year 2 dental nursing prize is awarded to the candidate who achieves the best overall result. Value, €127 each.

#### *Prizewinners in 2014:*

*Public and child dental health*  
Nicholas James Patrick O'Neill  
*Oral surgery, oral medicine and oral pathology*  
Michael Anton Christopher Hayes  
*Restorative dentistry and periodontology*  
Michael Anton Christopher Hayes

#### SHELDON FRIEL PRIZE

This prize was founded in 1963 by subscription in appreciation of the work of Sheldon Friel, Professor of Orthodontics 1941-62. It is awarded annually to the student of dental science who, having proceeded regularly with his/her class, gains first place at the annual sitting of the final examination. The prize will be presented at a school prize-giving ceremony. Value, €127.

#### *Prizewinner in 2014:*

Michael Anton Christopher Hayes

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<sup>4</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.

## Medicine

### ABBOTT CLINICAL NUTRITION PRIZE

This prize was established in 1997 and is awarded annually by Abbott Laboratories (Ireland) Ltd to a student in the third or fourth medical year, provided sufficient merit is shown, for the best written case report illustrating the role of nutrition in patient management. Case histories should reach the Department of Clinical Medicine Office not later than 30 June. The prize will be awarded on the recommendation of a committee comprising the Associate Professor in Clinical Medicine (Nutrition), an Assistant Professor in Dietetics and the Head of Department of Clinical Medicine. Value, €318.

### ARTHUR BALL PRIZES

These prizes were founded in 1964 by a bequest from Lady Elizabeth Smyth Ball in memory of her late husband, Sir Charles Arthur Kinahan Ball, Bart., Regius Professor of Surgery 1933-46. They are awarded annually, provided sufficient merit is shown, to the candidates placed first and second at the final medical examination, in surgery at the Trinity term examination. Value, about €381 and €191.

*Prizewinners in 2014:*

- 1 Ian John McGurgan
- 2 Matthew Joseph Lynch Wong

### PETER BECKETT MEMORIAL PRIZE

This prize was founded in 1974 in memory of Peter Gordon Stewart Beckett, Professor of Psychiatry 1969-74 and Dean of the Faculty of Physic 1972-4, by subscription of his American colleagues. It is awarded annually to the student in the fourth medical year showing greatest potential in psychiatry, as judged by assessment during clinical training and on the merits of an essay on a topic relating to psychiatry. Value, approximately €350.

### THE DR NORMAN A. BURTON MEMORIAL PRIZE

This prize was donated in 1967 in the memory of Dr Norman A. Burton by his parents. It is awarded annually to the student from St James's Hospital, Dublin who obtains the highest mark in surgery at the final examination, provided sufficient merit is shown. The prizewinner may select books to the value of €115 at the University booksellers.

*Prizewinner in 2014:*

Ian John McGurgan

### SIR JAMES CRAIG MEMORIAL PRIZE

This prize was founded in 1952 by a gift from James Wallace Craig in memory of his father, Sir James Craig, King's Professor of the Practice of Medicine 1910-33. It is awarded annually to the student gaining first place at the final examination in medicine. Value, €64.

*Prizewinner in 2014:*

Caoimhe Catherine Delaney

### DANIEL JOHN CUNNINGHAM MEMORIAL MEDAL

This prize was founded in 1909 by subscription in memory of Daniel John Cunningham, University Professor of Anatomy 1883-1903. A bronze medal is awarded to the best student in anatomy, taking the first and second medical years into account, provided the student has been not longer than two years in the School of Medicine.

*Prizewinner in 2014:*

Niamh O'Connor

#### DE RENZY CENTENARY PRIZE

This prize was founded in 1929 by a gift from Lady Martin to commemorate the centenary of the birth of her father, Surgeon-General Sir Annesley Charles Castriot de Renzy. It is awarded on the result of an examination in public health and primary care held in the fourth medical year. Value, €953.

*Prizewinners in 2014:*

Orlagh Deighan  
Sinead Keohane

#### DIAGNOSTIC RADIOLOGY MEDAL

The medal in diagnostic radiology was founded in 2013 by the Departments of Clinical Radiology in St James's Hospital and Tallaght Hospital. It is awarded annually in the final medical year to the student achieving the highest mark in a special diagnostic radiology examination.

#### ANDREW FRANCIS DIXON PRIZE

This prize was founded in 1946 by a gift from a former student of the School of Medicine in memory of Andrew Francis Dixon, University Professor of Anatomy 1903-36. It is awarded annually to the best student of anatomy in the first medical year. Value, €64.

*Prizewinner in 2014:*

Sam Grennan

#### DR HENRY COOKE DRURY STUDENT RESEARCH FELLOWSHIPS

These fellowships were founded through a bequest in 1989 from Miss Florence Winifred Drury, in memory of her father, Dr Henry Cooke Drury. One or two or more fellowships may be awarded annually to support research in the School of Medicine at undergraduate level with a view to publication or presentation at scientific meetings. The fellowship(s) will be awarded on the recommendation of a committee and will be up to a maximum total value of €6,349.

#### WILLIAM ROBERT FEARON MEDAL

This award was founded in 1976 by a bequest from Dr Brian Spencer in memory of William Robert Fearon, Professor of Biochemistry 1934-59. A bronze medal is awarded annually to the best student in biochemistry on the basis of studies in the first and second years provided that the student has been in the School of Medicine not longer than two years.

*Prizewinner in 2014:*

Niamh O'Connor

#### FITZ-PATRICK SCHOLARSHIP

This prize was founded in 1901 by a gift from Mrs Fitz-Patrick in memory of her husband, Thomas Fitz-Patrick. It is awarded annually on the result of the four parts of the final medical examination. Value, €3,175.

*Prizewinner in 2014:*

Ian John McGurgan

#### FREEDMAN MEDAL AND PRIZE

This award was founded in 2013 by Dr Derek Freedman on behalf of Dr John Freedman, the well-known and respected GP in Crumlin, Dublin. The Freedman medal and prize for clinical excellence is awarded annually at the discretion of the examiners at the third medical year examinations in medicine and surgery.

## REUBEN HARVEY PRIZES

These prizes are awarded by the Royal College of Physicians of Ireland. The conditions of award were changed in 1964. A prize is awarded annually, in each of the Dublin medical schools, to the candidate who obtains the highest aggregate of marks in the clinical subjects (obstetrics and gynaecology, medicine/psychiatry (including therapeutics), paediatrics and child health, surgery) at the final medical examination.

*Prizewinner in 2014:*

Ian John McGurgan

## TCD/SJH INTERN MEDAL AND TCD/TALLAGHT HOSPITAL INTERN MEDAL

This prize was established in 2015 and is awarded annually to the intern in St James's Hospital and the intern in Tallaght Hospital for the best case presentation as judged by the intern tutor or intern lecturer on each of the sites.

## PROFESSOR C.T. KEANE/PFIZER MEDAL

This prize was founded in 2003 by an annual subscription from Pfizer in appreciation of the work of Professor Conor Keane, Associate Professor of Clinical Microbiology, in academia from 1971-2002. It is awarded annually, provided sufficient merit is shown, to the candidate placed first at the third year clinical microbiology examination. Value, €250 and medal presentation.

*Prizewinner in 2014:*

Tiffany Allwood

## G.B. McHUTCHISON BEQUEST

This prize was founded in 1966 by a bequest from the late Dr G.B. McHutchison. It is awarded to the candidate who obtains the highest aggregate of marks in the subjects of obstetrics and gynaecology, medicine/psychiatry (including therapeutics), paediatrics and child health and surgery in the final medical examination of the School of Medicine, provided these subjects are all passed at the summer examinations. Candidates are to be restricted to those who are British or Irish by birth or descent. Value, €293.

*Prizewinner in 2014:*

Ian John McGurgan

## MEATH HOSPITAL MEDAL

The medal is awarded to the student achieving the highest score in the clinical component of the final medical examinations in both clinical medicine and surgery.

*Prizewinner in 2014:*

Sauna Zoe Sita Fagan

## CONOLLY NORMAN MEDAL IN MENTAL DISEASES

This award was founded in 1934 by a bequest from Mrs Conolly Norman in memory of her husband. A medal is awarded on the result of the psychiatric part of the final medical examination, part III.

*Prizewinner in 2014:*

Ian John McGurgan

## NATIONAL CHILDREN'S HOSPITAL PRIZE IN PAEDIATRICS

A prize of €350 is awarded each year by the Board of the National Children's Hospital Foundation on the results of a special prize examination organised by the Professor of Paediatrics.

*Prizewinner in 2014:*

Conor John O'Donovan

## EAMONN O'COINE AWARD

This prize was founded in 2005 in memory of a first year student, Eamonn O'Coine who contributed to the academic and social development of the School of Medicine. Students within the School of Medicine may wish to nominate a student via their class representatives. Class representatives should forward reasons for their nomination to the Sophister Administrator (School of Medicine Office) by the fourth week of Trinity term for approval by the relevant committee. Value, €200 (book token).

## OPHTHALMOLOGY PRIZES

### *The Alcon gold medal in ophthalmology*

This gold medal is presented to the student who achieves the highest mark in their final ophthalmology examination. It was founded by Professor Lorraine Cassidy in 2001 and is funded by Alcon Laboratories. The gold medal winner also receives a specialised ophthalmoscope sponsored by MDI Medical.

*Prizewinner in 2014:*

Kate Elizabeth Richards

### *The HSL Ltd silver medal in ophthalmology*

This silver medal is awarded to the student who achieves the second highest mark in their final ophthalmology examination. It was founded by Professor Lorraine Cassidy in 2001 and is funded by the Hospital Services Ltd.

*Prizewinner in 2014:*

Kara Aitken

### *The John Bannon Ltd bronze medal in ophthalmology*

This bronze medal is awarded to the student who achieves third place in their final ophthalmology examination. It was founded by Professor Lorraine Cassidy in 2001 and is funded by John Bannon Ltd.

*Prizewinner in 2014:*

Megan Susannah Gilcreest

## PAEDIATRIC GROUP PROJECT PRIZE

A prize of €100 is awarded annually by the Department of Paediatrics to the group of students who present the best project in this subject.

*Prizewinners in 2014:*

Cillian Keogh

Stephen Ludgate

Emma McNally

Mohd Nuruddin Muhamad

Clare O'Connell

Conor John O'Donovan

## JOHN PRICHARD MEMORIAL PRIZE

This prize was founded in 2003 in memory of Professor John Prichard, Associate Professor of Medicine 1978-96, by the Department of Clinical Medicine. It is awarded annually to the best clinical tutor from St James's Hospital, as voted by the final year medical students. The winner is awarded a medal and a cash prize of €100. It is sponsored by Servier Laboratories.

## J. SETON PRINGLE PRIZE

This prize was re-established in 1996 by a gift from the Board of Baggot Street Hospital. It may

be awarded annually to the student who gains first place in a clinical examination set and conducted by the Department of Surgery. Value, €153.

*Prizewinner in 2014:*  
Rosemary Jane Lucey

#### PROFESSORS' PRIZES IN THE SCHOOL OF MEDICINE

The Head of Department of Clinical Medicine awards a prize at the end of his course.

The Head of Department of Surgery awards a prize at the end of his course.

The Head of Department of Obstetrics and Gynaecology awards a prize at the end of her course.

The Head of Department of Paediatrics awards a prize to the student who obtains a first place at the end of his/her course known as the O'Donohoe Medal: the medal was instituted by Professor Niall V. O'Donohoe in 1990 to mark his retirement from the Faculty of Medicine.

The Head of Department of Psychiatry awards a prize at the end of his course.

*Prizewinners in 2014:*

*Clinical Medicine*

Ian John McGurgan

*Obstetrics and Gynaecology*

Sarah Petch

*Paediatrics*

Andrew Lockhart

Jane O'Sullivan

*Psychiatry*

Amy Clare O'Brien

*Surgery*

Caoimhe Catherine Delaney

#### JOHN MALLET PURSER MEDAL

This award was founded in 1899 by subscription to mark the twenty-fifth year of tenure of the King's Professorship of the Institutes of Medicine by John Mallet Purser. A bronze medal is awarded annually to the best student in physiology and biochemistry in the first medical year.

*Prizewinner in 2014:*  
Sam Grennan

#### WALTER RENNISON BOOK PRIZE

This prize was founded in 1971 by a bequest from G.G. Rennison in memory of his brother Walter Rennison. It is awarded annually to the second year medical student who is placed highest in anatomy. The book(s) selected shall be in use during the medical course in Trinity College. Value, €115.

*Prizewinner in 2014:*  
Andrew Sulistijo

#### LORNA JOAN RUST MEDAL AND PRIZE

This award was founded in 1993 by a gift from the estate of the late Lorna Joan Rust. A bronze medal and prize are awarded annually to the candidate who obtains the highest marks in obstetrics and gynaecology in part II of the final medical examination. Value, €635.

*Prizewinner in 2014:*  
Conor John O'Donovan

#### AQUILLA SMITH PRIZE

This prize was founded in 1932 in memory of Aquilla Smith, King's Professor of Materia Medica and Pharmacy 1864-81, by a bequest from his son, Walter G. Smith. It is awarded annually on the results of the third medical year examinations in pathology and microbiology. Value, €89.

*Prizewinners in 2014:*

Kara Aitken  
Sarah Lochrin

#### WALTER G. SMITH AND WELLAND PRIZES

The Walter G. Smith prize was founded in 1932 by a bequest from Walter G. Smith, King's Professor of Materia Medica and Pharmacy 1881-1921. The Welland prize was founded in 1938 by a bequest from Miss E.S. O'Mahony in memory of Joseph Rabiteau Welland. These prizes are awarded annually on the results of the third medical year examination in materia medica, pharmacology and therapeutics at the discretion of the Professor of Pharmacology and the other examiners in this examination. The Walter G. Smith prize, value €89, will be awarded to the student with the best results. The Welland prize, value €32, will be awarded as a second prize.

*Prizewinners in 2014:*

1 Adam Dyer  
2 Tiffany Allwood

#### RICHARD SMYTH PRIZES IN TROPICAL BACTERIOLOGY, PARASITOLOGY AND HYGIENE

These prizes were founded in 1940 by a gift from Richard Smyth to encourage the study of tropical medicine. Three prizes are awarded annually on the result of an examination (written and practical) in bacteriology, parasitology and hygiene held in Trinity term. Special emphasis is placed on the causation and prevention of diseases prevalent in tropical countries, but candidates are not expected to have a practical knowledge of these diseases. Candidates must be in their final medical year or be graduates in medicine of the University of Dublin of not more than three years' standing. A candidate who has been awarded the first prize may not compete again. Entries for the examination must reach the Head of the School of Medicine not later than 1 April. Value: first prize, €127; second prize, €64; third prize, €32.

#### DR HENRY HUTCHINSON STEWART MEDICAL SCHOLARSHIPS

These scholarships were founded in 1884 by a bequest from Henry Hutchinson Stewart. The regulations were revised by the Board in 1961. One Henry Hutchinson Stewart first medical year scholarship is awarded annually in Trinity term on the results of the first medical examinations. Value, €762 per annum for three years.

One Dr Henry Hutchinson Stewart scholarship is awarded annually to the best of the unsuccessful candidates at the examination for medical scholarships in the second medical year. Value, €1,905 per annum for three years.

*Prizewinners in 2014:*

Sam Grennan  
Ruth Kieran

#### JEREMY SWAN MEDAL

This award was founded in 2008 by a bequest from the estate of the late Jeremy Swan. A gold medal is presented annually, from 2008-09 to 2017-18 inclusive, to the student who attains the highest marks in medical ethics in the third year of the undergraduate medical course.

*Prizewinner in 2014:*

Ralph Hurley O'Dwyer

## **Nursing**

### **MARGARET DORNAN SCHOLARSHIP, ADELAIDE HOSPITAL NURSES' LEAGUE**

Margaret Dornan was Matron of the Adelaide Hospital from 1947 to 1962.

The scholarship was established to honour her commitment to the education of nurses particularly by the physicians and surgeons in the hospitals. It is awarded to the B.Sc. (Cur.) Senior Sophister student nurse who completed the clinical component of his/her degree within Tallaght Hospital and achieved the highest mark at distinction level in his/her Senior Sophister examinations conducted by Trinity College Dublin. Value, €500.

*Prizewinner in 2014:*

Suzanne Hill

### **ST PATRICK'S MENTAL HEALTH SERVICE AWARD**

This prize is awarded to the student who completed the clinical component of his/her degree (at first attempt) within St Patrick's Mental Health Services and achieves the highest academic grade in his/her final examinations. The prize will be presented at the presentation of certificates and hospital badges in St Patrick's Mental Health Services. Value, €200.

### **MARGARET HUXLEY PRIZE, ST JAMES'S HOSPITAL**

Ms Margaret Huxley (1854-1940) was the Matron of Sir Patrick Dun's Hospital from 1884 until 1902. She was a pioneer in the development of nurse training programmes in Ireland during the nineteenth century. In 1912 the Board of Sir Patrick Dun's Hospital awarded an annual nursing prize in her name. With the rationalisation of the Health Service in the mid 1980's, Sir Patrick Dun's Hospital, along with the associated prize transferred to St James's Hospital.

The prize is presented to a newly graduated nurse who completed the clinical component of his/her degree within St James's Hospital and achieved the highest academic grade in his/her final examinations. Presentation of the prize occurs at the presentation of hospital badges and nursing certificates ceremony held by St James's Hospital. Value, €200.

*Prizewinner in 2014:*

Rachel Doughty

### **HANNAH McDOWALL NURSING SCHOLARSHIP**

The Adelaide Hospital Society awards the Hannah McDowall nursing scholarship to the student nurse who achieves the highest mark at distinction level in the first year annual examinations conducted by Trinity College Dublin. The scholarship, valued €1,900, to promote excellence in nursing studies is open to all nursing students attached to Tallaght Hospital. It is named in honour of the late Nurse Hannah McDowall (1976-2001). Enquiries to Roisin Whiting, Chief Executive of The Adelaide Hospital Society, Tallaght Hospital, Dublin 24, tel: (01) 4142069, email: roisin@adelaide.ie.

*Prizewinner in 2014:*

Keira Pienaar

### **THE NATIONAL CHILDREN'S HOSPITAL BOARD AWARDS (INTEGRATED CHILDREN'S AND GENERAL NURSING COURSE)**

The National Children's Hospital will award a prize to the student in each year of the integrated children's and general nursing degree course who has demonstrated the most outstanding professional aptitude in the children's component of the course. The awards are to be made in the name of the National Children's Hospital to emphasise the importance of clinical practice, and good bedside nursing skills, clinical care, and communication with patient and family. It is also to ensure the name of The National Children's Hospital will continue to be associated with children's nurse education.



The nomination of the prize recipients to the Board of the National Children's Hospital Foundation will be made by the court of examiners for the appropriate year. Performance in practice placement will be taken into consideration in the decision to make the award.

Value, first year €100, second year €100, third year €200, fourth year €200, 6 month rostered period €250.

*Prizewinners in 2014:*

*6 month roster*

Alison Irwin

*Senior Sophister*

Lisa Kirwan

*Junior Sophister*

Leah McNulty

*Junior Freshman*

Emma McKearney

Ellen McGarr

#### SCHOOL OF NURSING AND MIDWIFERY STUDENT AWARDS

The School of Nursing and Midwifery awards the following prizes to the students who achieve the highest mark at distinction level as determined by the relevant annual court of examiners.

B.Sc. (Cur.): one prize to the highest placed student in each discipline in each year of the four years of the course (five years in the case of children's and general nursing), plus one prize to the overall highest placed student in each year

B.Sc. (A. Obs.): one prize to the highest placed student in each year of the four years of the course

B.N.S.: one prize to the highest placed student

B.M.S.: one prize to the highest placed student

Access: one prize to the highest placed student

The award in each case is a book voucher to the value of €100.

*Prizewinners in 2014:*

Saroja Bhandari

Joanna Donizak

Sarah Byrne

Victoria Fox

Ayesha Barrett

Agne Jankauskaite

Linda Tibi

Theresa Byrne

Katie O'Driscoll

Graham Ford

Sarah Dunne

Aisling Roffe

Lisa Kirwan

Claire Horan

Suzanne Hill

Ben Adams

Ciara Deasy

#### **Occupational therapy**

##### OCCUPATIONAL THERAPY PRIZE

A prize is awarded to the candidate obtaining the highest overall marks in the final examination. The prize is a book voucher to the value of €100.

*Prizewinner in 2014:*

Roisin Sinnott

#### MARY YOUNG RESEARCH AWARD

This award, in the form of a certificate, is given on an annual basis to the final year student group that gains the highest mark in the undergraduate research project.

*Prizewinners in 2014:*

Sinead O'Sullivan

Donna Ross

Roisin Sinnott

#### Pharmacy

##### ALUMNI PRIZE

This prize is sponsored by the Alumni Appeal organised through Trinity Development and Alumni. Alumni from the school have made this donation to the school. The prize is awarded for the best combined overall mark in the Junior Sophister year.

*Prizewinner in 2014:*

Eibhlin Fitzpatrick

##### PAUL HIGGINS MEMORIAL MEDAL – UNIPHAR PRIZE IN PHARMACEUTICAL CHEMISTRY

This prize is awarded to the student who attains the highest overall combined mark in modules PH3002 (Medicinal and pharmaceutical chemistry III) and PH4002 (Medicinal and pharmaceutical chemistry IV).

*Prizewinner in 2014:*

Caroline Walsh

##### LEO PHARMA PRIZE IN PHARMACEUTICS

This prize is awarded to the student who attains the highest overall combined mark in modules PH4004 (Advanced drug delivery) and PH4005 (Pharmacokinetics, pharmacodynamics, biopharmaceutics and drug metabolism).

*Prizewinner in 2014:*

Rachel Gaul

##### McNEIL PRACTICE OF PHARMACY PRIZE

This prize is awarded to the student who attains the highest overall combined mark in modules PH4006 (Practice of pharmacy IV(1)) and PH4007 (Practice of pharmacy IV(2)).

*Prizewinner in 2014:*

Ailbhe Manning

##### PFIZER HEALTHCARE LTD JUNIOR FRESHMAN PHARMACY PRIZE

This prize is awarded for overall first place in the Junior Freshman pharmacy annual examinations.

*Prizewinners in 2014:*

Matthew Comer

Aife Kavanagh

##### PFIZER HEALTHCARE LTD PRIZE IN PHARMACOLOGY

This prize is awarded to the student who attains the highest overall combined mark in modules PH3009 (Endocrine and reproductive pharmacology and veterinary pharmacy), PH3010 (Respiratory and gastrointestinal pharmacology), PH3011 (Blood, cardiovascular and renal

pharmacology), PH4009 (Neuropharmacology) and PH4011 (Malignant disease, immunopharmacology and pharmacology of the eye).

*Prizewinner in 2014:*  
Caroline Walsh

#### SANOFI PRIZE IN PHARMACOGNOSY

This prize is awarded to the student who attains the highest overall combined mark in modules PH3003 (Natural sources of drugs and substances used in medicines) and PH4003 (Ectoparasiticides, natural remedies and complementary medicine).

*Prizewinner in 2014:*  
Caroline Walsh

#### THE ACTAVIS ACADEMY SENIOR SOPHISTER PHARMACY PRIZE

This prize is awarded to the student who obtains the highest overall mark in the B.Sc. (Pharm.) degree.

*Prizewinner in 2014:*  
Caroline Walsh

#### **Physiotherapy**

#### AMY ALLEN AND HENRIETTE MICKS MEMORIAL PRIZE IN PHYSIOTHERAPY

This prize was founded in 1986 from funds subscribed by the ex-students of the Dublin School of Physiotherapy in memory of two former directors of the school, Miss Amy Allen and Miss Henriette Micks. It is awarded to the Junior Sophister physiotherapy student who gains first place overall in the Junior Sophister year examinations and assessments. The prize will be in the form of books, which will be suitably inscribed with the acknowledgement to Amy Allen and Henriette Micks. Value, €153.

*Prizewinner in 2014:*  
Michelle O'Sullivan

#### DUBLIN SCHOOL OF PHYSIOTHERAPY PRIZE

The Dublin School of Physiotherapy prize will be awarded annually to the final year physiotherapy student presenting the best project. The award will be made on the recommendation of the Head of Physiotherapy and a panel drawn from the full-time staff of the discipline. Value, €153.

*Prizewinners in 2014:*  
Elaine McCabe  
Paul Breen

#### IRISH SOCIETY OF CHARTERED PHYSIOTHERAPISTS' PRIZE

The Irish Society of Chartered Physiotherapists' prize will be awarded annually to the final year physiotherapy student who in the Junior and Senior Sophister years presents with the best overall clinical placement reports. The award will be made on the recommendation of the Head of Physiotherapy and a panel drawn from the full-time staff of the discipline. The prize is sponsored to the value of €127.

*Prizewinner in 2014:*  
Ann-Marie Monaghan

#### MURRAY SURGICAL PRIZE

The Murray Surgical prize will be awarded annually to the Senior Sophister student who achieves overall first place in the final physiotherapy examinations. The prize is sponsored to the value of €127.

*Prizewinner in 2014:*

Blaithin Lally

#### NEUROTECH PRIZE

The NeuroTech prize will be awarded annually to the Senior Freshman student who achieves first place in the annual Senior Freshman physiotherapy examinations. The prize is sponsored to the value of €191.

*Prizewinner in 2014:*

Gena Kenny

#### **Radiation therapy**

#### DONAL HOLLYWOOD MEDAL

This medal was established in 2014 in memory of the late Professor Donal Hollywood, former Marie Curie Professor of Clinical Oncology. The medal is awarded annually to the final year student in the Radiation Therapy undergraduate degree, or the student from the S.I.T.–T.C.D. one year programme, with the highest overall mark in the research dissertation.

#### ST LUKE'S PRIZE

This prize was established in 1996 through a gift from the Board of St Luke's Cancer Research Fund. A prize is awarded annually to the final year student with the highest overall performance in the radiation therapy degree examination. Value, €318.

*Prizewinner in 2014:*

Sean O'Connor

## *Moderatorship Prizes*

A moderatorship prize of €64 is awarded each year, from the funds indicated, to the first moderator in each of the following subjects, provided that a first class moderatorship is obtained.

<i>Fund</i>	<i>Subject</i>
Brooke	Classics
Hackett	Science
Bishop Law	Mathematics
Longfield	Modern literature
Lyster	History
Whately	Economics

Details of the funds referred to above in connection with moderatorship prizes are given below.

### BROOKE FUND

Established in 1879 by a gift from the Misses Brooke.

### JOHN WINTHROP HACKETT FUND

Established in 1926 by a bequest of Sir John Winthrop Hackett, to provide an award in applied science.

### BISHOP LAW FUND

Established in 1796 by a gift of John Law, Bishop of Elphin, to encourage the study of mathematics.

*Prizewinner in 2014:*

Benen Harrington

### MOUNTIFORT GEORGE LONGFIELD FUND

Established by a bequest in 1946 by Miss M.L.B. Longfield, to found an award in modern languages and English literature and language in memory of her brother, Mountifort George Longfield.

### THOMAS WILLIAM LYSTER FUND

Established by a bequest in 1946 by Mrs Jane Robinson Lyster, to found an award in memory of her husband, Thomas William Lyster.

*Prizewinner in 2014:*

Henry David Neal Bridge

### WHATELY MEMORIAL FUND

Established in 1871 by subscription in memory of Richard Whately, Archbishop of Dublin, to promote the study of political economy.

*Prizewinner in 2014:*

Niall Murphy

## *Postgraduate Awards*

For details see PART III OF THE CALENDAR – GRADUATE STUDIES AND HIGHER DEGREES.

## Miscellaneous Awards and Funds

### Miscellaneous awards

#### BRONTË PRIZE

This prize was founded in 1921 by a bequest from Miss A.G. Woolson of Portland, U.S.A. It is awarded triennially by the Board on the recommendation of a committee for the best essay on either (a) an English author of Irish descent, or (b) the seats of learning in Ireland prior to 900 A.D. The committee consists of the Regius Professor of Greek and the Professors of Latin and English Literature. A candidate must be of Irish birth or have been domiciled in Ireland for at least ten years. The candidate must also be an undergraduate of the University or a graduate of not more than five years' standing. The next award will be made in 2018 and essays must reach the Registrar before 1 October 2017. Value, €1,905.

#### CANADIAN STUDIES TRAVEL SCHOLARSHIP

This scholarship was funded by a gift from Northern Telecom Limited in 1983. One award is made annually for one month's study/research in Canada on a Canadian topic. It is open to both undergraduates and to postgraduates of Trinity College. Applicants should submit a *curriculum vitae*, study proposal and the name of one referee familiar with their work, to the Dean of Graduate Studies by 1 April of the year in which they wish to travel. The final selection will be by interview.

#### DAWSON PRIZE IN ART

This prize was founded in 1990 by colleagues and friends of George Dawson. He joined the College in 1950 and was Professor of Genetics from 1967 until 1987. The prize commemorates his contributions to the development of the visual arts in College.

It is designed to allow an undergraduate the opportunity to travel abroad in order to pursue his or her interests in art and architecture. Candidates must be of good academic standing and should submit an outline of their proposed plans (not more than 500 words), together with an estimate of expenses, to the department of History of Art and Architecture by 1 May each year. The award, which is open to undergraduates in any department in College, is made on the recommendation of the Head of the Department of the History of Art and architecture. Value, €318.

#### DUBLIN UNIVERSITY WOMEN GRADUATES' ASSOCIATION PRIZE

Two prizes of €250 each will be awarded annually to two Trinity Access Programme female undergraduates, one to be a mature student and one a school leaver, who obtain the best results (the highest overall percentage mark) at the annual examinations at the end of the Junior Freshman year. The candidates will be selected in consultation with the Senior Lecturer.

#### EKENHEAD SCHOLARSHIP

This scholarship was founded in 1879 by a gift from Mrs Mary Dummett in memory of her brother, Thomas Ekenhead.

The award is open to students of limited means, academic merit, natives of the county of Antrim, on the result of the two-subject moderatorship Junior Freshman annual examination. The scholarship may be awarded in one or more parts.

Applications should be made in the first instance through the Senior Tutor, not later than 30 September. The selection will be made on the recommendation of the Financial Assistance Committee. The scholarship will be tenable for up to three years, renewable annually, subject to sufficient academic performance.

### LUCY GWYNN PRIZE

This prize was founded in 1948 by subscription in memory of Lucy Gwynn, first Lady Registrar. It is awarded annually in Michaelmas term to a Junior Sophister woman student for distinction in her College course. Professional as well as arts studies are taken into account. The award is made by two women on the University staff nominated by the Board, and one of the tutors. Applications from candidates should be received by the Senior Lecturer not later than 15 November. Further application information is available from the Academic Registry. Value, €1,207.

*Prizewinner in 2014:*

Alison Kelly

### SCHOLARSHIP AND PRIZE IN THE HISTORY OF EUROPEAN PAINTING

These awards were founded in 1934 by gifts from Miss Sarah Purser and Sir John Purser Griffith. They are offered annually at an examination held in Trinity term. (See FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.) Value: scholarship, up to €508; prize, €96.

*Prizewinners in 2014:*

Emma Culleton (*scholarship*)

Mary Martin (*prize*)

### MINCHIN PRIZE

The prize was founded in 1921 in memory of George Minchin, mathematician and Scholar of the College, by a gift from his widow. The prize fund was considerably increased in 1982 from a bequest received under the will of G.R.N. Minchin. The prize may be awarded annually in two parts in Michaelmas term to students who have performed with particular merit in the work of the previous Junior Sophister year in mathematics and/or physics. The Professor of Natural Philosophy and the Erasmus Smith's Professor of Natural and Experimental Philosophy in consultation will nominate suitable candidates to the Senior Lecturer, who will make the awards following the nominations. The Professors will take account of work performed throughout the whole of the Junior Sophister year. Value of each part of the prize €2,000.

*Prizewinners in 2014:*

Ewan Dalby

Eamonn O'Shea

### MAI BEATRICE MOORHEAD FUND FOR MEDICAL EDUCATION

This fund was established in 1984 from a bequest received under the will of Thomas G. Moorhead, Regius Professor of Physic, 1925-56. It is used for specific projects in the field of medical education such as remunerating personnel employed with the specific intention of advancing the process of medical education, purchasing specific items of educational equipment, paying expenses of individuals to attend conferences or courses concerned with the development of medical education, improving student amenities etc. Disbursements from the fund are made on the recommendation of a committee comprising the Head of the Department of Clinical Medicine (chairman), the Head of the School of Medicine or his representative, and the Administrative Officer of the School of Medicine.

### ALICE OLDHAM MEMORIAL PRIZE

This prize was founded in 1908 by subscription in memory of Alice Oldham. It is awarded biennially in Michaelmas term in even years to the student judged to be the most distinguished of the women students in their Junior Sophister year, and who attended classes at Alexandra College for at least one session. The award is made by a committee consisting of the Senior Lecturer, the Senior Dean and a woman member of the University staff nominated by the Board. Value, €204.

#### FIONNUALA PYLE MEMORIAL PRIZE

This prize was founded by a gift from an anonymous donor in 1969. It is awarded annually on the recommendation of the Lecky Professor of History for an essay on some aspect of Irish archaeology by an undergraduate student. No candidate can win the prize more than once.

*Topic for 2016:* How has archaeology aided our understanding of the origins and growth of Waterford City?

Essays should reach the Senior Lecturer not later than 1 May 2016. Value, €223.

#### ST PATRICK'S BENEVOLENT SOCIETY OF TORONTO PRIZE

See FOUNDATION AND NON-FOUNDATION SCHOLARSHIPS.

*Prizewinner in 2014:*

Adam Keilthy

#### GISELE SCHMIDT SCHOLARS FUND FOR TRAVELLERS – TRINITY ACCESS PROGRAMME

This prize was founded in 2007 by colleagues and friends of Gisele Schmidt, a doctoral student of psychology in T.C.D. during the 1980's. The fund aims to ease the financial burden of students from the Traveller community in order that they may avail of the full benefits of a third level education.

One prize of €1,500 for each year of the student's course will be awarded annually to an undergraduate or postgraduate student from the Traveller community studying in Trinity College. Students interested in applying to the fund should contact the Trinity Access Programme Office by the end of October during the year in which he/she begins their course of study in Trinity. The candidate will be selected by a committee comprising a member of Trinity Development and Alumni, the Trinity Access Programme and the benefactor. Value, €1,500.

#### OWEN SHEEHY SKEFFINGTON MEMORIAL AWARDS

This fund was established in 1973 from funds contributed in memory of Dr Owen Sheehy Skeffington. The annual award takes the form in alternate years of a maintenance grant (2017) and a travelling scholarship (2016) of approximately €2,000. The travelling scholarship is available to any registered student at an institution of higher education in this country. The award is for travel to France and applications are sought by public advertisement. The selection will be made on the recommendation of a committee. For details of the maintenance grant see FINANCIAL ASSISTANCE.

#### EDWARD MILLINGTON STEPHENS PRIZE

This prize was founded in 1972 by a bequest from Mrs L.M. Stephens. The prize will be awarded annually for an essay on some aspect of the Anglo-Irish literary movement. Value, €166.

*Topic for 2016:* Commemoration

#### JOHN ANTHONY TAYLOR PRIZE

For details see above.

#### **Funds for academic and other purposes**

##### ARTS AND SOCIAL SCIENCES BENEFACTIONS FUND

This fund was established in 1979 with capital from the Development Fund. The annual income is used to finance research projects from members of staff of the Faculty of Arts, Humanities and Social Sciences. Applications for grants of up to €3,000 should be made on the prescribed form available from the Arts, Humanities and Social Sciences Faculty Office and submitted to that office not later than the end of Michaelmas term. Further information is available at <https://ahss.tcd.ie/local/>.



### ROBERT BOYLE FUND

This fund was established in 1996 by a gift from the Robert Boyle Foundation to support in perpetuity a chair in medical physics or related areas of application of physical sciences in medicine. The holder of the chair will contribute to teaching and research in the Faculty of Health Sciences with an emphasis on (a) the applications of physics and related sciences to the diagnosis and treatment of illness and disability and (b) the history of the impact of physics and related sciences on medicine, the life sciences and related areas with particular reference to establishing the place of Robert Boyle and other figures with Irish connections in these developments.

### CULTURAL ENRICHMENT FUND

A benefaction fund of €11,427.64 was established in 1979. The income from which is available to the Department of Music to mount non-commercial concerts, and to use any surplus to organise occasional master classes or special courses.

### ELRINGTON GRANTS

These grants are awarded from a fund established in 1837 by subscription in memory of Thomas Elrington, Provost 1811-20. They are awarded by the Board to the full-time members of the Department of Religions and Theology for the purposes of the support of: (i) research, (ii) seminars, (iii) conferences, and (iv) publication activities. Recommendations for the grants are made by the professors and full-time members of staff of the Department of Religions and Theology. They are made when there is a sufficient residue of income after making provision for the award of the Elrington prize and the Elrington scholarship. The value of the grants shall be determined by the trustees.

### FUND FOR THE VISUAL AND PERFORMING ARTS

This fund provides grants to staff and students, individually or as societies, with interests in music, theatre, cinema and visual arts generally, and is primarily designed to promote events taking place on campus. Allocation of funds is made by an advisory committee to the Provost which meets once a year. Applications should be made to the Provost at No. 1, College. Grants are unlikely to exceed €2,500. The fund is not intended to support travel. Further information is available at <http://www.tcd.ie/provost/arts/>.

### SIDNEY GRUSON VISITING FELLOWSHIP

The Sidney Gruson Visiting Fellowship has been established through funds provided by the New York Times Trust and the friends of the late Sidney Gruson, Dublin-born columnist with the paper. It is attached to the Chaim Herzog Centre for Jewish and Near Eastern Religion and Culture.

### WILLIAM HAYES FUND

This fund was established in 2001 in memory of William Hayes (1913-94), B.A. (MOD.), M.B., SC.D., LL.D. (*h.c.*), F.R.C.P.I., F.R.S. The fund is used to foster links between the Smurfit Institute of Genetics and the Institut Pasteur, Paris, at the discretion of the Head of the Department of Genetics.

### LIPPERT CHAIR OF JEWISH STUDIES

The Lippert Chair of Jewish Studies has been established through funds provided by the American Ireland Fund to honour Al and Felice Lippert, friends of the Fund and its President Sir Anthony O'Reilly. It is attached to the Chaim Herzog Centre for Jewish and Near Eastern Religion and Culture within the Department of Near and Middle Eastern Studies. Its occupant is expected to engage in research and teaching in the area of Jewish studies.

#### ADRIAN PHILLIPS FUND

This fund was established in 2003 by a gift from Professor Adrian Phillips. The fund is to be operated by the Department of Geology to support the teaching of students in field-based techniques in the earth sciences. Approximate annual value, €800.

#### PLANTS OF THE BURREN FUND

This fund was established in 2015 with monies provided from the Burren Conservancy. The fund is managed by three trustees, the Head of the Department/Discipline of Botany, the Curator of the Trinity College Dublin Herbarium, to whom application should be made, and the Provost of Trinity College Dublin. The fund is designed to allow staff, students or researchers of the Department/Discipline of Botany to acquire and present reliable, current and accurate information to the general public on the plants of the Burren, County Clare, Ireland. Further details should be obtained before application is made from the Curator of the Herbarium.

#### GEORGE GABRIEL STOKES FUND

This fund was established in 1995 by a gift from the Bone Marrow for Leukaemia Trust to support, in perpetuity, a clinical chair of haematology. The holder of the chair will contribute to teaching and research in the Faculty of Health Sciences and, initially, will be expected to demonstrate a commitment to research into leukaemia and bone marrow transplantation. The appointment is made by the Board on the recommendation of a committee, in accordance with normal College procedures for chair appointments. Candidates must hold consultant appointments in Trinity College general teaching hospitals for the duration of their tenure.

#### TRINITY COLLEGE DUBLIN DAWSON PRIZE IN GENETICS (formerly the Trinity College Dublin Genetics Award Fund (Dawson Prize))

George Dawson (1927-2004), B.Sc., M.A., Sc.D. (*h.c.*), H.R.H.A., M.R.I.A., A.N.C.A.D. (*h.c.*), F.T.C.D., founder of the Department of Genetics, a patron of the visual arts and a promoter of third world development aid, bequeathed the residue of his will to Trinity College to endow an award in genetics.

The Trinity College Dublin Dawson prize in genetics is awarded every two years to a geneticist of international prominence chosen by the Department of Genetics. The prizewinner shall visit the College and spend at least one day in discussion with Sophister and graduate students of the department.

# Financial Assistance

## I GENERAL INFORMATION FOR APPLICANTS

1 In addition to awards made from funds tied to schools or departments, the College assists undergraduate students who are in need by three main forms of financial assistance (benefactions, Student Hardship Fund and ESF Student Assistance Fund). Financial need is determined by reference to parental income and family circumstances (see §4 — mature students).

Financial assistance is not normally given to students who are not in good academic standing. The Board has agreed that financial assistance can be given in the form of a maintenance award on the basis of limited family income and family circumstances. Other undergraduate students who have been classified as E.U. students for purposes of admission (see ADMISSION REQUIREMENTS, section I, §1), may be eligible for benefactions. Students who have been classified as international students for purposes of admission are not normally eligible for financial assistance but such students with one parent who is a graduate of the University of Dublin may be granted a partial remission of fees in cases of financial hardship. This remission may not exceed the standard E.U. fee for the course.

2 Applications for financial assistance are made to the Financial Assistance Committee. All decisions of the committee are submitted to the Board for approval. All applicants must complete an application on-line which is available on the Tutorial Service webpage: [http://www.tcd.ie/senior\\_tutor](http://www.tcd.ie/senior_tutor). The Financial Assistance Committee, on the advice of the Student Support Officer, will determine from which fund each maintenance award is made. Students who find themselves in financial hardship should contact their tutor or the Student Support Officer in the Senior Tutor's Office.

3 Applications for all forms of financial assistance should be submitted to the Student Support Officer as early as possible in the academic year. Awards are normally paid in two instalments. Students who apply after the beginning of Hilary term will normally qualify for only one instalment.

4 Mature undergraduate students (those who have reached the age of twenty-three years before entry to College) are eligible for financial assistance as outlined in §1 above. Financial need is determined by reference to the student's income and family circumstances.

5 Financial assistance is not renewed automatically on an annual basis, and a fresh application must be made for each year for which assistance is sought. Students must be registered before any award shall be made.

## II FINANCIAL ASSISTANCE AWARDS

The Financial Assistance Committee can give:

- (a) maintenance awards on the basis of limited family income and circumstances;
- (b) assistance to needy students to meet expenses for compulsory field courses or for periods spent abroad which are required or deemed highly desirable by the head of school or department concerned;
- (c) in the case of non-E.U. students of limited means, one of whose parents is a graduate of the University of Dublin, partial remission of fees.

## III

Benefactions and other funds from which the committee makes awards are as follows:

(a) *The committee makes awards from the following funds: no other application than the standard financial assistance application form is required and the committee will determine from which fund individual awards are made.*

## STUDENT HARDSHIP FUND

A fund supported by College from which the Financial Assistance Committee can assist any student having a financial crisis. Applications are on-line and available on the Senior Tutor's Office website ([http://www.tcd.ie/senior\\_tutor](http://www.tcd.ie/senior_tutor)). All applications are means-tested, and must be accompanied by supporting income-related documentation.

## ESF STUDENT ASSISTANCE FUND

The Student Assistance Fund is co-funded by the Irish Government and the European Social Fund. It is available to students experiencing particular or unexpected hardship during their course of study and is allocated on a per capita basis to each higher education institution. Funding amounts available to each higher education institution have varied each year and are dependent on the level of demand for student support through the 'top up' grant. All students in financial difficulty are entitled to apply. Applications are on-line and available on the Senior Tutor's Office website ([http://www.tcd.ie/senior\\_tutor](http://www.tcd.ie/senior_tutor)). All applications are means-tested, and must be accompanied by supporting income-related documentation.

## WILLIAM AND MARY ATKINS MEMORIAL FUND

This fund was established in 1980 under the Board's trusteeship by a bequest from Iris Olive Atkins. The income is used to support two needy students, one in modern languages and one in English. Applications should be made to the Secretary of the Financial Assistance Committee.

## BOSTON FUND

This fund was established in 1926 by a gift from Miss Annie Elizabeth Boston for the benefit of women undergraduates of narrow means.

## 1963 BURSARY FUND

This fund was founded in 1963 by a gift of £12,000 from a donor who wished to remain anonymous. Bursaries up to a maximum of €400 each are awarded each year to deserving students of limited means, preference being given to sons and daughters of clergymen and to divinity students.

## ELLEN COTTER FUND

This fund was established in 1952 by a bequest from W. E. P. Cotter, in memory of his mother for the benefit of women students of limited means.

## CROWE EXHIBITIONS

These exhibitions were founded in 1627 by a gift from William Crowe. Exhibitions are awarded annually to students of Irish birth. Preference is given to sons of clergy, especially those in the west of Ireland.

## CULVERWELL FUND

This fund was established in 1929 by a gift from Edward Parnall Culverwell, Fellow 1883-1931. The income is used to make grants to students of limited means to assist them to pay their College fees.

## FIELD EXHIBITION

One exhibition was founded in 1945 by a bequest from Charles Dickenson Field and is awarded annually to a deserving student of narrow means.

## LUCY GWYNN FUND

This fund was established in 1948 by a subscription in memory of the first Lady Registrar, for the benefit of Senior Freshman women students in need of financial help.

#### BENJAMIN HUDSON FUND

The fund was established in 1967 by a bequest from Miss C. V. S. Hudson. A scholarship will be awarded subject to the following conditions and provisions:

- (a) that the scholarship or scholarships should be open to both men and women;
- (b) that preference should be given to persons of limited means, or who, for unforeseen circumstances, are otherwise unable to complete their academic course.

#### SALMON FUND

This fund was established in 1894 by George Salmon, Provost 1888-1904, to help poor students to pay their College fees, giving preference to sons of clergymen.

#### SPAN EXHIBITIONS

These exhibitions were founded in 1717 by a bequest from Benjamin Span. Two exhibitions are awarded annually to deserving students of narrow means. Value, €1,000 each.

#### STANLEY FUND

This fund was established in 1978 by a gift from the Stanley Foundation Ltd (Chairman, Dr C. O. Stanley) for the benefit of students (preferably Irish) from the lower income groups.

#### STEARNE EXHIBITIONS

These exhibitions were founded in 1714 by a bequest from John Stearne, Vice-Chancellor 1721-43. Five exhibitions are awarded annually. In accordance with the wishes of the founder preference is given to students from the diocese of Clogher. Value, €12.70 each.

#### WORRALL EXHIBITIONS

These exhibitions were founded in 1753 by a bequest from John Worrall. The exhibitioners are chosen from scholars who have entered as sizars, the sons of clergymen in the diocese of Dublin, or, in default of these, the sons of citizens of the city of Dublin. An exhibition is awarded for one year only, but may be renewed on application. Value, €200 each.

*(b) Students who wish to apply to the following funds need to make a specific application. Unless otherwise specified, the standard financial assistance application form should be used and students should indicate to which fund they are applying.*

#### BRADSHAW EXHIBITION

This exhibition was founded in 1849 by a bequest from Mrs G.W. Bradshaw. It is awarded by the Department of Religions and Theology, in consultation with the Financial Assistance Committee, to one or more students of narrow means pursuing the course in world religions and theology. Application should be made in writing to the Senior Tutor using the financial assistance application form no later than 31 January. Value, €1,100.

#### JOHN F. CHAMBERS – LENNOX BURSARY

John F. Chambers, B.A., B.Sc. (1948) was a mature student from Sligo who worked at night to pay for his studies at Trinity College. The shareholders and staff of Lennox Laboratory Supplies, together with his family and friends, have endowed a bursary dedicated to John's memory. An annual award will be made to one or more needy students studying science.

A bursary application form is available on-line on the Senior Tutor's Office website ([http://www.tcd.ie/senior\\_tutor/forms/](http://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer not later than 31 October. Value, €1,904.60.

#### EVERARD WILLIAM DIGBY MEMORIAL FUND

This fund was established in 1939 by a gift from Miss Alice Digby in memory of her brother. The income is available to assist deserving students in the School of Computer Science and

Statistics and the School of Engineering, who may be in need of financial assistance. Applications, with full particulars, should be made to the Senior Tutor.

#### DOWNES EXHIBITION

This exhibition is awarded by the Department of Religions and Theology, in consultation with the Financial Assistance Committee, to a student of narrow means pursuing the course in world religions and theology. Application should be made in writing to the Senior Tutor using the financial assistance application form no later than 31 January. Value, €2,000.

#### LAW STUDENTS' QUATERCENTENARY FUND

This fund was established in 1992 by a gift from solicitor graduates of the College, through Mr Adrian P. Bourke, then President of the Incorporated Law Society of Ireland. The income is available to assist students studying law who may be in need of financial assistance.

A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer in the Senior Tutor's Office no later than 31 January. The award will be made by the Law School in consultation with the Senior Tutor's Office.

#### MACKAY WILSON FUND

This fund was established in 1913 by Robert Mackay Wilson and his wife Elizabeth Jackson Wilson for the benefit of women students of limited means resident at Trinity Hall. Grants are made to one student of good character each year, and for one year only. A student may not receive a grant from this fund until she has completed the first year of her course in the University. Applications must be supported by a recommendation from the applicant's tutor.

Application in the first instance should be made through the Senior Tutor not later than 31 May.

#### MINCHIN BURSARY

This bursary was established in 1982 from a bequest received under the will of G. R. N. Minchin (see also Minchin prize). Undergraduate students of the College (except those reading mathematics and/or physics) are eligible to apply for the bursary, which is awarded annually in three parts in Hilary term. A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer in the Senior Tutor's Office not later than 31 January. The awards will be made by a committee consisting of the Senior Dean, the Senior Tutor, the Junior Dean, and the Head of Sport and Recreation. In making the awards, the committee will have regard to the criteria of academic merit, athletic prowess, and financial need. If no applications are received, the committee will consult with the Financial Assistance Committee with a view to finding suitable candidates. No student may hold the award more than once. Value of each part €2,000.

#### JEAN MONTGOMERY FUND

This fund was established in 1950 by subscription in memory of Miss Jean Montgomery, Lady Superintendent of the Kitchen 1919-48. Free commons for two undergraduate students of narrow means is provided.

A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer not later than the last working day of May.

#### FREDERICK PURSER GRADUATES' FUND

This fund was established in 1910 by gifts from Mr and Mrs John Purser Griffith in memory of Frederick Purser, Fellow 1879-1910. The object of the fund is to lend at nominal interest to graduates leaving the College sums of money which may assist them to attain at the outset of their several careers more readily than otherwise to permanent positions.

The qualifications which are principally taken into consideration in granting these loans are (1) the limited means of the applicants and of their parents or guardians and (2) such general

distinction and character during their College course as will serve as a guarantee that the money lent will be applied to what is likely to prove of permanent benefit to the applicants.

It is only in exceptional circumstances that any single loan exceeds €1,200. Interest is charged at one per cent per annum, payable half-yearly. Recipients enter into an undertaking to keep the trustees acquainted with their residence, to pay the interest regularly, and, when remunerative employment is obtained, to repay the principal by instalments within a reasonable time, that time to be fixed by the trustees in each case according to the nature of the employment which has been obtained. If the principal is repaid within three years from the time the loan is made, the interest paid is refunded.

Application in the first instance should be made through the Senior Tutor not later than 30 September and 31 March.

#### FREDERICK PURSER UNDERGRADUATES' FUND

This fund was established in 1911 by gifts from John Purser Griffith and Mrs Griffith in memory of Frederick Purser, Fellow 1879-1910, with the object of helping some Sophister students of limited means who have shown promise in their previous course, so as to enable them to derive the most benefit possible from the teaching of the Sophister years, whether in arts or in the professional schools, and to save them as far as may be, from being compelled to divert their energies into other activities in order to obtain the necessary means of livelihood.

A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer no later than 31 January.

#### OWEN SHEEHY SKEFFINGTON MEMORIAL AWARDS

This fund was established in 1973 from funds contributed in memory of Dr Owen Sheehy Skeffington. The annual award takes the form in alternate years of a maintenance grant (2017) and a travelling scholarship (2016) of approximately €2,000. The maintenance grant will be awarded to a Senior Freshman or Junior Sophister student of French in Trinity College, criteria for the award being a combination of academic promise and financial need. For details of the travelling scholarship see MISCELLANEOUS AWARDS.

Application in the first instance should be made to the Head of the Department of French.

#### STUDENT PARENT GROUP – JACKIE AKERELE FUND

This fund was established in 2006 from monies contributed by her family, colleagues and friends in memory of Jackie Akerele with the object of helping student parents with childcare expenses or facing unforeseen difficulties.

A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer no later than 31 January. The awards will be made by the Senior Tutor and the Student Support Officer in the Senior Tutor's Office, on recommendation from the student's tutor. The main criteria will be the student's financial situation and childcare needs. If no applications are received, the Financial Assistance Committee will be consulted with a view to finding a suitable candidate. Value, one or more awards with a total value of €700.

#### TAVERNERS' CRICKET SPORTS BURSARY

This bursary was established in 1993 by the Museum Players and other Taverners' cricketers on the basis of funds raised during the quatercentenary year. One bursary of €356 will be awarded each year to a needy student, preferably one who has demonstrated sporting prowess within the University. A bursary application form is available on-line on the Senior Tutor's Office website ([https://www.tcd.ie/senior\\_tutor/forms/](https://www.tcd.ie/senior_tutor/forms/)). Application forms should be submitted to the Student Support Officer, not later than 31 January. The award will be made after consultation with a representative of the Museum Players, the Senior Tutor and the Head of Sport and Recreation.

#### IV

Assistance from other sources is available as follows:

##### JOHN BENNETT FUND

This fund was established in 1957 by a bequest from Mrs C. P. Bennett in memory of her husband, formerly headmaster of the High School, Dublin. The accruing interest is paid annually to a deserving student, nominated by the Governors of the Erasmus Smith Schools, who must have been a pupil of the High School continuously for three years prior to entering the College. Interested students should contact the High School directly. Value, €750 a year.

#### V

The following awards are attached to the subjects specified and, where applicable, students should apply directly to the relevant school or department.

### **Chemistry**

##### MERLE HANNA AWARD IN CHEMISTRY

This award was founded by a bequest from Miss Merle O. Hanna to provide an award for the benefit of a student or students, either postgraduate or undergraduate, in the School of Chemistry who may have a special need, which need shall not be based on academic ability. The award is made on the nomination of the Head of the School of Chemistry.

### **Education**

##### HEFFERNAN BURSARY

The Heffernan bursary fund was established in 2003 in memory of Lola Margaret Heffernan through a bequest from her brother, the late Reverend Brendan Heffernan P.P. who was the first Catholic Chaplain to Trinity College Dublin. The income of the fund, to be allocated by the trustees of the fund, is to support such person or persons being in need of financial assistance to enable them to undertake a course of study which would lead to an enhancement of their skills as teachers or principals within the secondary school system. The trustees of the fund are Mr David K. Anderson and Mr John Heffernan. Annual value, €4,000.

### **Genetics**

##### ROSE DEEGAN FUND

This fund was established in 1994 to mark the retirement of Rose Deegan, Secretary of the Department of Genetics 1963-93. Proceeds from the fund may be used at the discretion of the Head of the Genetics Department, in consultation with tutors as appropriate, for the benefit of Sophister students of genetics facing financial difficulties.

### **Geology**

##### DAVE JOHNSTON MEMORIAL FUND

Established in 1998 in memory of Dave Johnston by his family and friends to support field-based studies by undergraduate and postgraduate students in geology. The annual income of the fund may be awarded to one or more projects in any year. The fund will be administered by the Professor of Geology, another member of the Department of Geology and a representative of the *alumni* of the Department of Geology. Applications should reach the Professor of Geology by the last day of Hilary term in the year in which the grant is to be held.

### **Medicine**

##### BEGLEY STUDENTSHIPS

These studentships were founded in 1905 by bequests from William Chapman Begley and his wife, Jane. One studentship, tenable for four years, is awarded annually by the Board on the recommendation of the School of Medicine committee. It is open to all applicants who have



completed their second medical year. Applications must be sent to the School Office before 23 October.

The studentships are paid half-yearly on 21 June and 23 December. If a holder obtains his/her medical qualification in Hilary or Trinity term of any year before the expiration of the four years' tenure, the studentship must be vacated after the June payment, and similarly after the December payment, if he/she qualifies in Michaelmas term. Another student may be elected for the unexpired portion of the studentship. Every student during his/her tenure must pursue studies in the school to the satisfaction of the Board; failure to do so, or being guilty of any serious misconduct or breach of College discipline, will result in forfeiture of the studentship, unless for special reasons the Board determines otherwise. Value, €3,809.21 a year for four years. The award may not be held concurrently with a foundation scholarship.

#### J. W. BIGGER MEMORIAL SCHOLARSHIP

This scholarship was founded in 1953 by a gift from Miss Florence Bigger in memory of her brother, Joseph Warwick Bigger, Professor of Bacteriology and Preventive Medicine 1924-51. It is awarded annually by the Board, on the nomination of the School of Medicine committee, to a medical student of not more than two years' standing who has passed the second medical year examination. In nominating a candidate, the committee takes account of the student's (1) record in the School of Medicine, (2) general university record and (3) financial circumstances. Preference is given to a candidate of Irish birth or parentage, whose financial means are limited.

A candidate must make application to the School Office before 23 October. Value, €1,269.74.

#### JOHN RUPERT COLLINS MEMORIAL FUND

This fund was established in 1967 by Mrs Collins and her two daughters in memory of the late Dr John Rupert Collins. The income is used to provide money to help medical students who might otherwise have difficulty in meeting the cost of their education. Awards are made by the Board on the nomination of the School of Medicine Committee. Applications should reach the School Office by 23 October each year. Value, €147.

#### GLENNY TRAVELLING STUDENTSHIP

This fund was established in 1993 by a gift from Mrs R. Glenny to the School of Medicine in memory of her son Michael Timothy Malone-Barrett. The income from the fund is used to assist undergraduate medical students to participate in ERASMUS or similar schemes. Should no likely applicants be forthcoming, the income from the fund will be used to supplement postgraduate travelling scholarships in medicine and surgery. Awards are made on the recommendation of a committee. Value, approximately €634.87.

#### DESMOND O'CONNOR ROE FUND

Established in 2009 by a bequest from Gwendolen Gertrude Bransby to be designated in the name of Desmond O'Connor Roe, the Desmond O'Connor Roe fund is to financially support mature female medical student(s) to take up or continue their studies.

Students are requested to apply via a formal application. Financial assistance to a maximum value of €5,000 per student will be awarded annually until such time as the funds are exhausted.

Financial assistance will be awarded on the recommendation of the School of Medicine committee and are based on students' academic merit, their contribution to the academic and social development of the School of Medicine.

Applications for this financial assistance shall be made to the School Office before 23 October and shall include a curriculum vitae, a brief proposal on how the award is expected to enhance the applicant's career in medicine, and the student's specific plans for what he/she will use the money for.

## O'SULLIVAN MEMORIAL SCHOLARSHIP

This scholarship was founded in 1924 by subscription in memory of Alexander Charles O'Sullivan, Fellow 1886-1924 and Professor of Pathology 1895-1924. It is awarded annually in November by the Board, on the nomination of the School of Medicine committee, to a medical student of not more than two years' standing who has passed the second medical year examination. In nominating a candidate the committee takes account of the student's (1) record in the School of Medicine, (2) university career generally and (3) financial circumstances. The scholarship is tenable for one year, but in exceptional circumstances a scholar may be re-elected for a second year.

Candidates must make application to the School Office before 23 October. Value, €412.66.

## Social studies

### CAROL McILWAINE FUND

This fund was established in 1979 in memory of Carol Elizabeth McIlwaine who studied social studies in this College from 1968-71. The income is available to assist needy students preparing for a professional qualification in social work in their Sophister years. Application should be made to the Head of the School of Social Work and Social Policy.

### VI

The following fund is administered by the College.

### GRANTS TO VISIT THE GAELTACHT

Special grants of €222.20 are available each year to enable students of Irish to spend periods of at least three weeks in Irish-speaking areas as part fulfilment of their obligation as students of a modern language (see regulations governing modern languages, page 72).

The number of grants is limited and applications must have been submitted to the Head of the Department of Irish and Celtic Languages by the prescribed closing date in Michaelmas term. In assessing the merits of each application, account is taken of general diligence and performance in course work.

Students who submit applications and are selected will become eligible for the award of the grant at any time up until the beginning of the following Michaelmas term, provided that they have spent the required three weeks in an Irish-speaking area and on their return give a satisfactory account of their experience to the Head of the Department of Irish and Celtic Languages.

# College Charges<sup>1</sup>

*N.B. The Board of Trinity College Dublin, is not bound by any error in, or omission from, the following regulations.*

## I GENERAL REGULATIONS

1 The charges for any academic course, examination, accommodation or other Trinity College Dublin charges and service are those stated in the *University of Dublin Calendar* for the current year.

The Board of Trinity College Dublin, reserves its right to alter its scales of charges at any time. Revised scales of charges will apply, from the date appointed by the Board, to all students pursuing any course the charges for which have been revised, whether or not such students have entered upon the course before the appointed date.

All charges are subject to the College approved 'Student payment policy' and the sanctions for non-payment included in this policy apply fully.

2 All charges become due on the date specified on the fee payment page of [my.tcd.ie](http://my.tcd.ie) for the current year, and must be paid to the Bank of Ireland or the appointed officer of the College on or before that date.

*N.B. The College sends out reminders through the student portal [my.tcd.ie](http://my.tcd.ie) in August and January to students on the books, advising them that the date for payment of annual fees is imminent. Non-receipt of such a reminder or not accessing the fee payment page of [my.tcd.ie](http://my.tcd.ie) is not a valid excuse for failure to pay fees at the proper time.*

3 Payments can be made through the student portal [my.tcd.ie](http://my.tcd.ie).

4 Students who hold an educational grant and wish the College to apply to their educational authority for payment of their fees must renew their grant application with their grant authority.

5 Eligible E.U. undergraduate students may have their tuition fees paid by the Minister for Education and Skills under the Government's tuition fee remission scheme, see section II.

6 Students required to repeat the academic exercises of a year must pay the full annual fee of the repeated year. See also section II.

7 Students who wish to receive credit for an academic year on the basis of academic exercises carried out at Trinity College, but who are granted any exemption from attendance at lectures, must pay the same fee as they would pay if attending lectures.

### *Non-E.U. fees*

8 Students who are admitted as non-E.U. students (see ADMISSION REQUIREMENTS, section I, §1) pay higher fees, termed 'economic fees', than those payable by E.U. students. Students who are classified as non-E.U. students for the purpose of admission shall not be permitted to change their status to that of an E.U. student following admission.

Students from the accession country that entered the E.U. in July 2013 and who entered undergraduate higher education here for the first time in, or after, the 2013-14 academic year are entitled to be considered under the free fees initiative. Prior residency in the accession country will be treated as E.U. residency for this purpose. The status of those students who entered higher education in academic years prior to their country's accession will remain unchanged.

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<sup>1</sup>The fees quoted are correct as of 1 August 2015.

### *Abridgement of courses*

9 Students exempted from part of the undergraduate course pay the fee for the class that they join.

Students who are admitted as Senior Freshmen to an honor course or a professional course, in accordance with the regulations for the various courses, pay €3,000 (deductible if they subsequently pay an annual fee) when sending in notice of intention to present themselves for the Junior Freshman examination in each case, and if successful in the examination pay the fee for the class that they join.

### *Matriculation examination fee*

10 Candidates intending to take the matriculation examination of the University, in one or more subjects, pay a non-returnable fee of €98. The fee is payable by a fixed date before the examination; see ADMISSION REQUIREMENTS.

### *Application fee*

11 All candidates who apply for direct entry to the College (i.e. not through the Central Applications Office) must pay a non-returnable application fee of €55 per course application.

### *Payment of first College fees – E.U. applicants*

12 Students who accept an offer of a place in the College through the C.A.O. must comply in full with the instructions set out in the offer notice. The offer will lapse unless accepted within the specified time period. The right is reserved to cancel the offer despite any part performance of acceptance or payment. Students will be contacted by the Academic Registry with regard to payment of fees due. Students eligible for the Government's tuition fee remission scheme will be liable for the student contribution of €3,000 (which may be paid in two instalments), the student Sports Centre charge of €120 and the U.S.I. membership fee (optional) of €8. Students in receipt of local authority or SUSI grants will be liable for the student Sports Centre charge and the U.S.I. membership fee (optional) only. Students may be required to provide bank receipted evidence of payment of all relevant amounts. Registration cannot be completed until all outstanding charges (fees, accommodation and other payments due) have been paid. Students entering College for the first time, other than through the C.A.O. or as one-term students, must pay €3,128<sup>2</sup> (deductible if they subsequently pay an annual fee) as soon as they receive an offer of a place.

Students not qualifying for a local authority or SUSI grant or the Government's tuition fee remission scheme will be billed for the balance of any fees due. Such fees must be paid prior to or during their allotted registration period. Students liable for a full annual fee (including student contribution), if E.U., may exercise the option of paying the balance of their fees in two instalments, see §16 below. Local authority or SUSI grant-holders will have the student contribution of €3,000 paid on their behalf by the local authority or SUSI on completion of form GF1 (available through my.tcd.ie). All grant-holders must certify that the fees will be paid by a recognised grant authority. If for any reason the relevant authority does not pay the annual tuition fees or the student contribution in the case of local authority or SUSI grant-holders the student will become liable for the fees due and these should be paid within thirty days.

In cases where students are admitted after the beginning of the academic year no reduction of fees will be granted.

Where a student advises the College before 12 September that the place offered is not being taken up the fee of €3,128 will be refunded subject to a deduction of €212 (no refunds will be made after 12 September).

See also section II, EXCHEQUER PAYMENT IN RESPECT OF FULL-TIME UNDERGRADUATE TUITION FEES.

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<sup>2</sup>This payment includes the student Sports Centre charge of €120 and the U.S.I. membership fee (optional) of €8.

### *Payment of first College fees – non-E.U. applicants*

13 Students who wish to accept an offer of a place in the College will be required to return an acceptance fee to secure their place. Details of the due date and method of payment will be included in the offer letter or e-mail.

### *Payment of subsequent fees*

14 Undergraduate students not entering the College for the first time, must, unless they are permitted by special regulations to do otherwise, pay the relevant fee of their class or the first instalment, where applicable, if paying in two instalments (see §16 below), prior to or during their allotted registration period. Undergraduate students qualifying for the Government's tuition fee remission scheme will be required to pay, to the College as directed, a student contribution of €3,000 (which may be paid in two instalments) to cover examinations, registration, student services, etc., the student Sports Centre charge of €120 and the U.S.I. membership fee (optional) of €8. Local authority or SUSI grant-holders will have the charge of €3,000 paid directly to the College on their behalf by the local authority or SUSI on completion of form GF1 (available through my.tcd.ie). Where applicable the relevant authority will be invoiced for the tuition fees due and these must be paid within thirty days. If for any reason the relevant authority does not pay the annual tuition fees or the student contribution in the case of local authority or SUSI grant-holders the student will become liable for the fees due. In the event of students having to repeat their year they will become liable for the full annual fee, see also section II, EXCHEQUER PAYMENT IN RESPECT OF FULL-TIME UNDERGRADUATE TUITION FEES.

Registration cannot be completed until all outstanding charges (fees, accommodation and other payments due) have been paid.

### *Student Sports Centre charge*

15 A student Sports Centre charge of €120 per annum, for Sports Centre usage for all students, was introduced following a referendum held by the students. This is a mandatory charge and will be billed to all students in advance of registration. Payment of the student Sports Centre charge, which can be made through any bank or online, must be made by the date specified on the fee payment page of my.tcd.ie. Registration cannot be completed until this charge has been paid.

### *Fees in two instalments*

16 All E.U. students who are liable for the student contribution of €3,000 may avail of the option to pay in two instalments. Also, all E.U. students who are personally liable to pay a full annual fee, e.g. those not qualifying for a local authority or SUSI grant or the Government's tuition fee remission scheme, may also avail of the option to pay their fees in two instalments. The amounts payable will be set out on the fee payment page of my.tcd.ie. The second instalment where applicable will be payable on or before 31 January 2016. Instalments received after the due date and before the end of February will be subject to a late payment charge of €212. If the second instalment is not paid by the end of February 2016 an additional late payment charge of €146 will be applied giving a total late payment charge of €358 which must be paid together with the balance of fees due. Students who have not notified their tutor, supervisor or other responsible officer before 31 January 2016 that they are withdrawing from College will be liable for the second instalment of fees. Non receipt of a reminder or not accessing the fee payment page of my.tcd.ie by a student will not be accepted as an excuse for non payment of fees or other charges. Non-E.U. students are required to pay their fees in full prior to registration. However, non-E.U. continuing students may pay their fees in two instalments, these non-E.U. continuing students will not be required to pay the facilitation charge.

Note that the above dates may be subject to change. Please see <http://www.tcd.ie/academic/registry/fees-payments> for more information.

### *Non-publication of examination results*

17 Publication of examination results may be withheld if there are any outstanding charges (fees, accommodation and other payments due) on a student's account. Students must ensure that fees are paid in accordance with §§14, 15 and 16 above and that, where necessary, the Academic Registry is correctly notified of any sponsor that may be paying fees on behalf of the student. The payment deadlines also apply to a student's sponsor/local authority/SUSI. It is the student's responsibility to ensure that they provide their sponsor/local authority/SUSI with all the details required to confirm their eligibility and facilitate prompt payment. See also GENERAL REGULATIONS AND INFORMATION, section IV, §20.

### *Late registration fees*

18 A charge of €212 will be imposed for late registration (i.e. levied on students who fail to register during their allotted registration period). Students who do not register by 13 November 2015 will be deemed to be withdrawn and services such as library and e-mail accounts may be suspended. In such circumstances undergraduate students must apply through the Academic Registry to the Senior Lecturer for re-admission and pay a replacement fee of €358 (€212 late registration fee and €146 re-admission fee).

Note that the above dates may be subject to change. All charges are subject to the College approved 'Student payment policy' and the sanctions for non-payment included in this policy apply fully.

Please see <http://www.tcd.ie/academicregistry/fees-payments> for more information.

### *Refund of fees*

19 The Board accepts no obligation to refund any fee, or any part of any fee, paid in respect of any exercise to be performed in the University. Refunds may, however, be made in the current academic year as stated in §§20 and 21 below.

20 The Treasurer/Chief Financial Officer is authorised to make refunds to all students entering College as follows:

- (a) where students who have paid the full annual fee or first instalment thereof notify the College before 12 September that they do not intend to take up the place offered, all fees paid will be refunded except for €212. Application for such refunds must be made to the Academic Registry;
- (b) where students, who have already paid the full student contribution or full annual fee, notify their tutor or other responsible officer after 12 September but before 31 January 2016 that they do not intend to take up the place offered, or that they are withdrawing from College if they have already registered, half the student contribution or half of the full annual fee will be refunded. Application for such refunds must be made to the Academic Registry;
- (c) where a student has paid €3,128 to confirm acceptance of a place in College, this amount may be refunded, less €212, where the student notifies the College before 12 September that they do not intend to take up the place.

Please note that course deposits paid are non-refundable.

The foregoing rules apply irrespective of the date on which an offer of a place is made.

21 The Treasurer/Chief Financial Officer is also authorised to make refunds to all continuing students as follows:

- (a) where students who have paid the full annual fee fail in an examination held in Michaelmas term on which their class depends, and in consequence discontinue their course, the fees paid will be refunded. Students who have only paid €3,128 will have this amount refunded if they decide to discontinue their course. Students who are permitted to repeat the year will be billed for the balance of any fees due, if they have not already paid the full annual fee. See also section II;

- (b) where the annual tuition fee has been paid and the students have not returned to College, the fee may be refunded, subject to a deduction of €212, on application to the Academic Registry through their tutor, supervisor or other responsible officer. Similarly where students have only paid €3,128 this amount will be refunded less a deduction of €212. Applications for such refunds must reach the Academic Registry before 1 November;
- (c) where students, who have already paid the full student contribution or full annual fee and have completed registration, withdraw from College, one half of the student contribution or one half of the full annual fee will be refunded provided they notify their tutor, supervisor or other responsible officer before 31 January 2016. Applications for such refunds must be made to the Academic Registry.

All charges are subject to the College approved 'Student payment policy'.

## *II EXCHEQUER PAYMENT IN RESPECT OF FULL-TIME UNDERGRADUATE TUITION FEES*

1 The following are the eligibility criteria issued by the Department of Education and Skills in November 1997 and amended in 2004 in relation to the free fees initiative.

### *Criteria for determining eligibility*

2 Tuition fees will be paid in respect of E.U. nationals who have been ordinarily resident in an E.U. Member State for at least three of the five years preceding their entry to their third level course subject to the following conditions:<sup>3</sup>

- (a) Tuition fees will be paid only in respect of students attending full-time undergraduate courses other than ESF aided courses in the Regional Technical Colleges and Dublin Institute of Technology. Existing regulations for ESF aided courses will continue to apply.
- (b) The courses must, other than exceptionally, be of a minimum of two years' duration.
- (c) The courses must be followed in one of the approved Colleges.
- (d) Tuition fees will not be paid in respect of students pursuing a second undergraduate course. However, notwithstanding this condition students who already hold a national certificate or diploma and are progressing to a degree course without necessarily having received an exemption from the normal duration of the course may be deemed eligible for free fees.

Students who have previously pursued but not completed a course which has not attracted exchequer funding may be deemed eligible for free fees subject to compliance with the other conditions of the free fees initiative.

Students who have pursued a course of third level study which has attracted exchequer funding (e.g. fees, maintenance, tax relief, subsidy towards course cost) and have not secured a terminal qualification and subsequently resume third level studies are not eligible for free fees for the equivalent period of time spent on the first course of study. Part-time and evening students are included in this category.

Students from the accession country that entered the E.U. in July 2013 and who entered undergraduate higher education here for the first time in, or after, the 2013-14 academic year are entitled to be considered under the free fees initiative. Prior residency in the accession country will be treated as E.U. residency for this purpose. The status of those students who entered higher education in academic years prior to their country's accession will remain unchanged.

- (e) Except in the case of second chance students (see (f) below) tuition fees will not be paid in respect of students doing repeat years or in respect of students repeating a year-level having changed (but not completed) their undergraduate course. This condition may be waived in exceptional circumstances such as cases of certified serious illness.

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<sup>3</sup>This definition of a student eligible for free fees is different from the College's definition of an E.U. student for fee payment purposes. This could result in certain students being classified as E.U. by the College but who may not qualify for 'free fees'.

- (f) Tuition fees will be paid in respect of students who, having attended but not completed approved courses, are returning following a break of at least five years in order to pursue approved courses at the same level.
- (g) The tuition fees payable do not include the payment of up to €3,128 (which may be paid in two instalments) to be made by students towards the cost of registration, examinations, student services, etc.

All students who are deemed eligible for the Government's tuition fee remission scheme will be considered registered for the full academic year 2015-16 (and fee claimed by the College for a full year) unless the College is formally notified in writing of their intention to withdraw from College prior to 31 January 2016. This is necessary to enable the College to claim payment of the second instalment of tuition fees on behalf of students from the Minister for Education and Skills.

Where students do not register for the academic year by the due date this will result in the College being unable to claim full tuition fees on their behalf from the Minister and consequently such students would become liable for the full annual fee or the second instalment of their fees, as appropriate. Students who do not intend completing the academic year must notify their tutor or other responsible College officer before 31 January 2016 of their decision to withdraw from College to avoid liability for the second instalment of their tuition fees.

The College may require students to provide proof that they meet the above eligibility criteria by either completing a declaration of compliance and/or providing proof of attendance at previous third level courses where appropriate.

It should also be noted that failure to disclose all relevant information required to determine eligibility for the fee remission scheme may render the student liable for the full fees plus a charge of €358.

### III FINANCIAL ASSISTANCE

1 In cases of hardship, the College grants a partial remission of fees to students from outside the European Union one of whose parents is a graduate of the University of Dublin. Applications for such remission should be made to the Senior Tutor before 30 April on forms obtainable from the student's tutor. Applications will be considered from eligible students (other than Junior Freshmen) whose names are on the books of the College. Students are reminded that their applications must be renewed *each year*.

2 There are also a number of scholarships, awards and bursaries which students may be able to apply for during their time in College. There are also funds from private benefactors which may be accessed. Details of all funds, bursaries and awards can be found in the FINANCIAL ASSISTANCE section of the *Calendar*.

### IV FEES PAYABLE BY STUDENTS ADMITTED FOR ONE ACADEMIC YEAR OR ONE TERM

1 Students admitted for one year or one term in accordance with ADMISSION REQUIREMENTS, section II, §§1-9, pay fees as follows:

One-year students based in the Faculty of Arts, Humanities and Social Sciences (excluding the Department of Clinical Speech and Language Studies and the School of Psychology): €5,681 for E.U. or €16,430 for non-E.U.

One-year students based in the Faculties of Engineering, Mathematics and Science, Health Sciences, the Department of Clinical Speech and Language Studies and the School of Psychology: €7,332 for E.U. or €21,525 for non-E.U.

For fees payable by one-term students please see the Academic Registry website at <http://www.tcd.ie/academicregistry/fees-payments>.

The fees must be paid by the date requested.

2 Students may be admitted to attend one specific course of lectures for a term. Fees for these courses can be obtained from the Academic Registry and must be paid before 1 September for Michaelmas term and before 1 December for Hilary term.



## V SUMMARY OF UNDERGRADUATE DEGREE FEES

1 The fees shown below are inclusive of a student contribution of €3,000 (which may be paid in two instalments) covering examinations, registration, student services, etc., but do not include the student Sports Centre charge of €120 or the €8 U.S.I. membership fee (optional). Eligible students may qualify to have the tuition fee element of the annual fee paid on their behalf by the Minister for Education and Skills (see section II above). There is a conferring fee of €135 payable by all students for Commencements in their Junior Sophister or third year. Students admitted to read for more than one degree simultaneously shall pay one fee, that being the highest of the fees applicable to the courses in question.

### TWO-SUBJECT MODERATORSHIP COURSES

2 Students taking courses for the B.A. degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€5,681	€16,925

### FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

3 Students taking courses for the B.A., or B.B.S., or B.B.S. (Lang.), or B.Mus.Ed., or LL.B., or LL.B. (Ling. Germ.), or LL.B. (Ling. Franc.), or LL.B. (B.S.), or LL.B. (Pol. Sc.), or B.St.Su. degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€5,681	€16,925

4 Students taking the course for the B.A.S. degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€8,686	€18,395

5 Students taking the course for the B.Histr. degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€9,550	€18,435

6 Students taking the course for the B.Sc. (Clin. Lang.) degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€8,371	€30,900

7 Students taking the course for the B.S.S. degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€8,371	€21,525

### FACULTY OF ENGINEERING, MATHEMATICS AND SCIENCE

8 Students taking courses for the B.A. degree pay the following fee:

	E.U.	NON-E.U.
annual fee (excluding field courses)	€7,332	€21,525

9 Students taking the course for the B.A., M.C.S. degrees pay the following fee:

	E.U.	NON-E.U.
annual fee (years 1-4)	€7,332	€21,525
annual fee (year 5)	€5,925	€13,225

10 Students taking courses for the B.A.I., M.A.I. (St.) or B.Sc. (Ing.), M.A.I. (St.) degrees pay the following fee:

	E.U.	NON-E.U.
annual fee (years 1-4)	€7,332	€21,525
annual fee (year 5)	€5,925	€13,225

11 Students taking the course for the B.Sc. (Syst. Inf.) (evening course) degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€5,779	€21,835

## FACULTY OF HEALTH SCIENCES

12 The fees shown below include fees charged for general and special clinical courses but not the booking fees charged by some hospitals. Non-E.U. fees for continuing students or for students entering other than into the first year can be had on request.

13 Students taking courses for the B.A., B.Dent.Sc. degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€9,339	€31,000

14 Students taking the course for the B.Dent.Tech. degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€4,773	€13,905

15 Students taking courses for the B.A., M.B., B.Ch., and B.A.O. degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€8,371	€31,000

16 Extern students, i.e. students permitted to attend lectures and classes but not proceeding to degrees of the University, pay the same fee as outlined in §15 above.

17 Students taking courses for the B.Sc. (Cur. Occ.), or B.Sc. (Physio.), or B.Sc. (Ther. Rad.) degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€8,371	€19,570

18 Students taking the courses for the B.Sc. (Hum. Nut. & Diet.) degree pay all fees to the Dublin Institute of Technology.<sup>4</sup>

19 Students taking the course for the B.Sc. (Hom. Val.) degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€7,332	€19,000

20 Students taking the course for the B.Sc. (Cur.) (other than children's and general nursing integrated course) degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€7,106	€19,000

21 Students taking courses for the B.Sc. (Cur.) (children's and general nursing integrated course) or B.Sc. (A. Obs.) degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€7,106	€18,535

22 Students taking courses for the B.N.S. or B.M.S. degrees pay the following fee:

	E.U.	NON-E.U.
annual fee	€5,104	€16,500

23 Students taking the course for the B.N.S. or B.M.S. access course pay the following fee:

	E.U.	NON-E.U.
annual fee	€5,104	€10,200

24 Students taking the course for the B.Sc. (Pharm.) degree pay the following fee:

	E.U.	NON-E.U.
annual fee	€7,332	€15,450

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<sup>4</sup>This is a joint degree course with the Dublin Institute of Technology.

## VI UNDERGRADUATE DIPLOMA FEES

1 The fees shown below do not include the student Sports Centre charge of €120 or the €8 U.S.I. membership fee (optional).

2 A certificate and diploma graduation fee of €75 is payable by all students in their first year of study registering on certificate or diploma courses.

		E.U. Euro €	NON-E.U. Euro €
Dental hygiene	annual fee <sup>5</sup>	8,290	16,480
Dental nursing	annual fee <sup>5</sup>	3,988	10,970
European painting	annual fee	1,381	5,460
Information systems	annual fee	3,432	11,845

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<sup>5</sup>Eligible students pursuing this course may qualify to have their tuition fees paid by the Minister for Education and Skills under the free fees initiative. The above fees for 2015-16 include a charge of €3,000 (which may be paid in two instalments) in respect of registration, examinations, student services, etc.

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