

# The University of Dublin

TRINITY COLLEGE DUBLIN

## Calendar

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2018 — 19

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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

2018

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.**

## CONTENTS

	<i>page</i>
<b>PART A – GENERAL INFORMATION</b>	
<b>I Undergraduate Studies Committee</b>	6
<b>II Validated undergraduate courses</b>	7
<b>III Admission requirements</b>	12
ADMISSION FOR PRIMARY DEGREES	12
ADMISSION FOR DIPLOMAS AND OTHER PURPOSES	20
TRINITY ACCESS PROGRAMMES (TAP)	22
THE MATRICULATION EXAMINATION	23
<b>PART B – GENERAL REGULATIONS</b>	
<b>1 General regulations and information</b>	26
THE EDUCATIONAL OBJECTIVES OF THE MODERATORSHIP	26
ACADEMIC PROGRESS	28
CONDUCT AND COLLEGE REGULATIONS	48
RESIDENCE — GENERAL	54
COMMONS	57
INSURANCE	58
SAFETY	58
DATA PROTECTION	58
COPYRIGHT	58
CHILD TRAFFICKING AND PORNOGRAPHY ACTS 1998 TO 2004	59
FREEDOM OF INFORMATION	59
SMOKING IN COLLEGE	59
DIGNITY AND RESPECT	59
<b>PART C – SPECIFIC REGULATIONS</b>	
<b>2 Two-subject moderatorship courses</b>	60
GENERAL REGULATIONS	60
CONTENT OF SUBJECTS	65
<b>3 Faculty of Arts, Humanities and Social Sciences</b>	101
GENERAL FACULTY REGULATIONS	101
TRINITY BUSINESS SCHOOL	102
SCHOOL OF CREATIVE ARTS	105
DEPARTMENT OF DRAMA	105
DEPARTMENT OF MUSIC	113
SCHOOL OF EDUCATION	115
SCHOOL OF ENGLISH	120
SCHOOL OF HISTORIES AND HUMANITIES	123
CENTRE FOR GENDER AND WOMEN'S STUDIES	125
DEPARTMENT OF CLASSICS	125
DEPARTMENT OF HISTORY	126
DEPARTMENT OF HISTORY OF ART AND ARCHITECTURE	132
SCHOOL OF LANGUAGES, LITERATURES AND CULTURAL STUDIES	133
DEPARTMENT OF IRISH AND CELTIC LANGUAGES	133
CENTRE FOR EUROPEAN STUDIES	136
SCHOOL OF LAW	144
SCHOOL OF LINGUISTIC, SPEECH AND COMMUNICATION SCIENCES	157
DEPARTMENT OF CLINICAL SPEECH AND LANGUAGE STUDIES	157
CENTRE FOR DEAF STUDIES	162

	SCHOOL OF PSYCHOLOGY	165
	SCHOOL OF RELIGION	168
	SCHOOL OF SOCIAL SCIENCES AND PHILOSOPHY	172
	SCHOOL OF SOCIAL WORK AND SOCIAL POLICY	181
	MODERATORSHIP IN COMPUTER SCIENCE AND LANGUAGE	183
	MODERATORSHIP IN IRISH STUDIES	186
<b>4</b>	<b>Faculty of Engineering, Mathematics and Science</b>	<b>187</b>
	GENERAL FACULTY REGULATIONS	187
	COURSES IN COMPUTER SCIENCE AND STATISTICS	188
	COURSES IN ENGINEERING SCIENCE	196
	SCHOOL OF MATHEMATICS	207
	COURSES IN SCIENCE	211
	THE STATISTICS AND OPERATIONS RESEARCH LABORATORY	230
<b>5</b>	<b>Faculty of Health Sciences</b>	<b>232</b>
	GENERAL FACULTY REGULATIONS	232
	SCHOOL OF DENTAL SCIENCE	234
	SCHOOL OF MEDICINE	240
	DEGREES OF BACHELOR IN MEDICINE, BACHELOR IN SURGERY AND BACHELOR IN OBSTETRICS	241
	DEGREE OF BACHELOR IN SCIENCE (OCCUPATIONAL THERAPY)	250
	DEGREE OF BACHELOR IN SCIENCE (PHYSIOTHERAPY)	254
	DEGREE OF BACHELOR IN SCIENCE (RADIATION THERAPY)	259
	DEGREE OF BACHELOR IN SCIENCE (HUMAN NUTRITION AND DIETETICS)	262
	DEGREE OF BACHELOR IN SCIENCE (HUMAN HEALTH AND DISEASE)	264
	DEGREE OF BACHELOR IN SCIENCE (DIAGNOSTIC RADIOGRAPHY)	266
	SPECIAL LECTURES	267
	SCHOOL OF NURSING AND MIDWIFERY	268
	SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES	278
<b>6</b>	<b>Non-Faculty Courses</b>	<b>283</b>
	CERTIFICATE IN INNOVATION AND ENTREPRENEURSHIP	283
<b>PART D</b>	<b>– AWARDS AND CHARGES</b>	
<b>7</b>	<b>Entrance awards</b>	<b>284</b>
<b>8</b>	<b>Foundation and non-foundation scholarships</b>	<b>288</b>
<b>9</b>	<b>Prizes and other awards</b>	<b>306</b>
	PRIZES ORIGINALLY ESTABLISHED FOR THE COURSE IN 'GENERAL STUDIES'	306
	PRIZES IN THE FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES	307
	PRIZES IN THE FACULTY OF ENGINEERING, MATHEMATICS AND SCIENCE	330
	PRIZES IN THE FACULTY OF HEALTH SCIENCES	344
	MODERATORSHIP PRIZES	355
	MISCELLANEOUS AWARDS AND FUNDS	356
<b>10</b>	<b>Financial assistance</b>	<b>361</b>
<b>11</b>	<b>College charges</b>	<b>370</b>
	GENERAL REGULATIONS	370
	EXCHEQUER PAYMENT IN RESPECT OF FULL-TIME UNDERGRADUATE TUITION FEES	374

	FINANCIAL ASSISTANCE	375
	FEE PAYABLE BY STUDENTS ADMITTED FOR ONE ACADEMIC YEAR OR ONE TERM	375
	SUMMARY OF UNDERGRADUATE FEES	376
12	<b>Index</b>	379

## *Undergraduate Studies Committee*

### MEMBERS

The Dean of Undergraduate Studies / Senior Lecturer (Chair) – Kevin Mitchell  
The Academic Secretary (or nominee) – Patricia Callaghan  
The Dean of Students – Kevin O’Kelly  
The Senior Tutor – Aidan Seery  
The Education Officer, Students’ Union – Aimee Connolly  
Student Representative – Misha Fitzgibbon

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

School of Biochemistry and Immunology – Derek Nolan  
Trinity Business School – Kristian Myrseth  
School of Chemistry – Paula Colavita  
School of Computer Science and Statistics – Jonathan Dukes  
School of Creative Arts – Nicholas Johnson  
School of Dental Science – Derek Sullivan  
School of Education – Stephen Minton  
School of Engineering – Alan O’Connor  
School of English – Alice Jorgensen  
School of Genetics and Microbiology – Frank Wellmer  
School of Histories and Humanities – Peter Crooks  
School of Languages, Literatures and Cultural Studies –  
Rachel Hoare  
School of Law – Ailbhe O’Neill  
School of Linguistic, Speech and Communication Sciences –  
Pauline Sloane  
School of Mathematics – Vladimir Dotsenko  
School of Medicine – Joseph Harbison  
School of Natural Sciences – Mark Hennessy  
School of Nursing and Midwifery – Valerie Smith  
School of Pharmacy and Pharmaceutical Sciences – John Walsh  
School of Physics – Paul Eastham  
School of Psychology – Elizabeth Nixon  
School of Religion – Linda Hogan  
School of Social Sciences and Philosophy – Michael Wycherley  
School of Social Work and Social Policy – Philip Curry

Two Subject Moderatorship Course Director – Stephen Matterson  
Associate Dean of Undergraduate Science Education – Aine Kelly

### IN ATTENDANCE

Library representative – Siobhán Dunne  
Administrative Officer, Trinity Teaching and Learning (Secretary) – Marie McPeak

# *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 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. Students pay an additional fee to attend the Gaeltacht.

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 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](mailto:admissions@mie.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 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](#). 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)).

## CERTIFICATE IN INTERNATIONAL FOUNDATION STUDIES FOR HIGHER EDUCATION

The international foundation programme is a one year pre-undergraduate programme which is intended to provide future undergraduates with the appropriate English language and discipline specific academic and learning skills to prepare them to undertake undergraduate studies in Trinity or [Marino Institute of Education](#). It is taught over two academic terms of fifteen weeks each in Marino Institute of Education.

The full-time programme consists of core modules in English for academic purposes and mathematics as well as subject specific modules in the two proposed main streams namely engineering and science, and business, economics and social sciences.

In addition to English language and discipline specific study, the programme aims to develop in students the ability to think critically, discuss logically and problem solve effectively.

The programme will facilitate the University to recruit students from regions of the world where the secondary school leaving qualification does not allow for direct admission to Trinity undergraduate programmes. Students successfully completing the programme will be awarded the Certificate in International Foundation Studies for Higher Education, a level 6 qualification on the National Framework of Qualifications.

### *Admission*

Admission requirements to the programme can be found on <https://www.tcd.ie/study/international/foundation-programme>. The application deadline is the 1st June of each year.

## 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 December of each year. There is an audition procedure involving an audition, written musical theory and dictation test, and interview, which usually takes place in late January. 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 December 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 January. Further information about the course can be obtained directly from the RIAM, <http://www.riam.ie>.

### DIPLOMA IN MUSIC TEACHING AND PERFORMANCE

#### *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 December 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 January. Further information about the course can be obtained directly from the RIAM, <http://www.riam.ie>.

### DIPLOMA IN DENTAL NURSING

(National Dental Nurse Training Programme of Ireland)

#### *Introduction*

The National Dental Nurse Training Programme of Ireland (NDNTP) was created as a joint initiative of the [Dublin Dental University Hospital](#) (DDUH) and the [Cork University Dental School and Hospital](#) (CUDSH) to standardise dental nursing education and meet the demands of the Dental Council (the regulatory body for members of the dental team) and the general dental community. The NDNTP delivers a high standard of education, utilising technology to provide dental nursing education outside of the major dental hospital centres in Ireland. The part-time programme requires students to be employed in a dental practice throughout the duration of the programme, as the programme utilises the expertise of the dental practitioner, while allowing students to continue employment. The diploma award is placed at level 7 on the National Framework of Qualifications. The 16-month programme commences at end of August each year. Students attend class in the Dublin Dental University Hospital on Wednesday evenings, with occasional Fridays, Saturdays, and a one-week compulsory practical based workshop in April.

The learning environment is blended, allowing students to utilise technology to facilitate learning in an online format as well as traditional face-to-face sessions. Internet (with broadband connection), computer access and usage of the programme website are essential requirements of the programme. Students are required to access the programme website daily.

Students in geographically remote areas of Ireland who cannot travel to the centres may apply for the distance learning option. This option allows students to attend lectures online by logging in each week to view lectures as they take place in either Cork or Dublin.

#### *Admission*

Admission to the Diploma in Dental Nursing (National Dental Nurse Training Programme) is administered by the Dublin Dental University Hospital. Candidates must be employed as a trainee dental nurse at the time of application. All candidates must provide the following documentation at the time of application: proof of non-infection with Hepatitis B, proof of non-infection with Hepatitis C, and proof of Hepatitis B immunity.

School leavers (under the age of 23) require the Leaving Certificate with a minimum of a grade

O6 in five ordinary level subjects. If necessary applicants may be invited for an interview.

Further information and the online application form is available at: <http://www.dentalhospital.ie/education/undergraduate-students/dental-nursing/national-dental-nurse-training-programme-of-ireland/>.

# Admission Requirements

## *1 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 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.

All other applications are considered to be non-E.U. applications. Full details may be found at [www.tcd.ie/study/undergraduate/fee-finances](http://www.tcd.ie/study/undergraduate/fee-finances).

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 [www.tcd.ie/study/international](http://www.tcd.ie/study/international).

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 2019-20.

### *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 5 on higher Leaving Certificate papers or at least grade 5 in the University Matriculation examination.

A pass for requirements (i), (ii), and (iii) means grade O6/H7 or above on higher or ordinary papers in the Leaving Certificate, grade 7 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 H6 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 – 66, merit – 46, pass – 28.

*(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 ([www.tcd.ie/study/country](http://www.tcd.ie/study/country)) 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)
	Joint honours/modern language	
	Ancient history and archaeology	none
	Classical civilisation	none
	Classical languages	H4 in Greek, Latin or in a language excluding English
	Drama studies	see note 10
	Economics	see note 1
	English literature	H4 in English
	Film studies	none
	Geography	none
	History	none
	History of art and architecture	none
	Italian	H4 in Italian or H4 in a language excluding English
	Middle Eastern, Jewish and Islamic civilisations	none
	Mathematics	H3 in mathematics
	Modern language	see note 20
	Music	see note 5
	Philosophy	none
	Religion	none
	Sociology	none

Course code	Name	Specific requirements (reference is to higher level grades)
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
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 16
TR017	Law and business	see note 1
TR018	Law and French	H3 in French
TR019	Law and German	H3 in German
TR020	Law and political science	none
TR021	Classics, ancient history and archaeology	H4 in Greek or Latin or a language excluding English
TR022	Early and modern Irish	H4 in Irish
TR023	English studies	H4 in English
TR024	European studies	see note 8
TR025	Drama and theatre studies	see note 10
TR028	Ancient and medieval history and culture	none
TR029	Political science and geography	none
TR031	Mathematics	H3 in mathematics
TR032	Engineering	H4 in mathematics
TR033	Computer science	H4 in mathematics
TR034	Management science and information systems studies	H4 in mathematics
TR035	Theoretical physics	H3 in mathematics and H3 in physics
TR038	Engineering with management	H4 in mathematics
TR039	Computer science and language	see note 18
TR040	Middle Eastern and European languages and culture	see note 19
TR041	Religion	none
TR051	Medicine	see notes 3A and 3B
TR052	Dental science	see note 17
TR053	Physiotherapy	see notes 1 and 6
TR054	Occupational therapy	see note 7
TR055	Radiation therapy	see note 11
TR056	Human health and disease	see note 14
TR060	Biological and biomedical sciences	see notes 1 and 2
TR061	Chemical sciences	see notes 1 and 2
TR062	Geography and geoscience	see notes 1 and 2
TR063	Physical sciences	see notes 1 and 2
TR072	Pharmacy	see notes 1 and 9
TR080	Global business	see note 1
TR081	Business, economic and social studies	see note 1

Course code	Name	Specific requirements (reference is to higher level grades)
TR082	Computer science and business	see note 15
TR083	Sociology and social policy	none
TR084	Social studies (social work)	none
TR085	Business studies and French	H3 in French and see note 1
TR086	Business studies and German	H3 in German and see note 1
TR087	Business studies and Russian	H4 in a language excluding English and see note 1
TR089	Business studies and Polish	H4 in a language excluding English and see note 1
TR090	Business studies and Spanish	H3 in Spanish and see note 1
TR091	General nursing	see note 12
TR093	General nursing – Adelaide School of Nursing	see notes 12 and 13
TR095	Mental health nursing	see note 12
TR097	Intellectual disability nursing	see note 12
TR911	Integrated general and children's nursing	see note 12
TR913	Midwifery	see note 12

*Notes to table A*

- 1 A mathematics requirement of grade 4 on the ordinary or grade 6 on the higher Leaving Certificate paper or grade B at G.C.S.E. level.
- 2 Two higher level grade 4s (grade Cs at 'A' level) 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 3 and a higher level grade 4 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 4 on the ordinary Leaving Certificate paper, grade 6 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 6 on the ordinary or higher Leaving Certificate paper or grade C at G.C.S.E. level. A grade 4 at higher level in one of English, French, German, Irish, Italian, Russian, Spanish **and** a grade 4 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 This is a restricted entry course, therefore application must be submitted to the C.A.O. by 1 February of the proposed year of entry. Applicants who indicate music or music



education as a choice of subject will be called for an entrance test in late March/early April. This will include a simple harmony paper, an ear test, a paper on general musical knowledge and background, and a questionnaire (TR009 only). Some applicants will be called for interview (and in the case of TR009 applicants, further tests) in late April/early May when the final selections will be made.

- 6 Two higher level grade 4s (grade Cs at 'A' level) 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 4 (grade C at 'A' level) 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 4 in the Leaving Certificate or equivalent, in two of French, German, Italian, Polish, Russian, Spanish (H3 in the case of French and German, and H4 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 H3 in the language in the Leaving Certificate, or equivalent.
- 9 A higher level grade 5 in chemistry and a higher level grade 4 in one of physics, biology, mathematics, geology, geography, applied mathematics, agricultural science.
- 10 This is a restricted entry course, therefore, applications must be submitted to the C.A.O. by 1 February of the proposed year of entry. 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.
- 11 One higher level grade 4 (grade C at 'A' level) from the following subjects: physics, chemistry, biology, physics/chemistry.
- 12 A grade 6 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.
- 13 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. 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.
- 14 A higher level grade 4 in biology and a higher level grade 4 in one of chemistry, physics, physics/chemistry.
- 15 A higher level grade 4 or an ordinary level grade 2 in mathematics.
- 16 A higher level grade 4 in English and a grade 6 at ordinary or higher level in a language other than English.
- 17 A higher level grade 3 and a higher level grade 4 (grade B and grade C at 'A' level) in two of physics, chemistry, biology, physics/chemistry. Physics/chemistry may not be

presented with physics or chemistry. An applicant who does not have some qualification in physics must present mathematics at grade 5 on the ordinary Leaving Certificate paper, grade 6 on the higher Leaving Certificate paper, or grade B at G.C.S.E. level.

- 18 A higher level grade 4 in mathematics. Also, a grade 3 at higher level in French or German if selecting French or German, or level H3 in Irish. Grade C at 'A' level in French, German, and grade B at 'A' level in Irish if selecting Irish.
- 19 Applicants must present at least one European language other than English or Irish. A minimum of a higher level grade 3 in one of French, German, Greek, Italian, Latin, Polish, Russian, Spanish, Arabic, or Hebrew studies. Where a student is presenting two languages they must attain at least the following grades: a higher level grade 4 if presenting Greek, Italian, Polish, Russian, Spanish, Arabic, or Hebrew studies; a higher level grade 3 if presenting French or German. 'A' level students must present a grade B at 'A' level in one of the languages listed above or two grade Cs at 'A' level where two languages are being presented.
- 20 The languages available within modern language are French, German, Italian, modern Irish, Russian, and Spanish. Applicants wishing to study German, Italian, Russian, or Spanish must present a H4 in a language other than English. However, French and modern Irish are not available *ab initio*. To be eligible for French or modern Irish applicants must present a H4 in French or modern 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 three 'A' levels, with additional points awarded for a fourth 'A' level or for a fourth subject at AS level. An applicant's results from one sitting of the Leaving Certificate will be counted for scoring purposes. 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, physiotherapy, and social studies 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 2018) (which may be paid in two instalments), the student Sports Centre charge of €120, the U.S.I. membership fee (optional) of €8, and a student space and centre levy (mandatory) (€30 for 2018-19). 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 2018) paid on their behalf by the local authority or SUSI on completion of form GF1 (available through [my.tcd.ie](http://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 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 4 on ordinary Leaving

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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.

Certificate papers. The remaining four subjects must be presented to a standard of at least grade 6 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 §13 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 DIPLOMA COURSES**

10 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>.

11 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 4 on ordinary Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade 6 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 4 on higher Leaving Certificate papers. The remaining four subjects must be presented to a standard of at least grade 6 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

12 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.

13 In addition to §12, 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.

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

#### ADMISSION FOR HIGHER DEGREES

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

## RE-ADMISSION

16 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.

17 Students who have been permitted to go off the books may return to College in accordance with GENERAL REGULATIONS AND INFORMATION, section II, §§76-80.

18 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.

19 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

20 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 2019. 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 2019.

## STUDENTS WITH DISABILITIES

21 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/disability/prospective/>.

## 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 CDETB 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 CDETB 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 6 in five subjects on ordinary level Leaving Certificate papers and a grade 5 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 CDETB 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 '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 ([fitzpaa@tcd.ie](mailto:fitzpaa@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, chalcopyrite, 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.

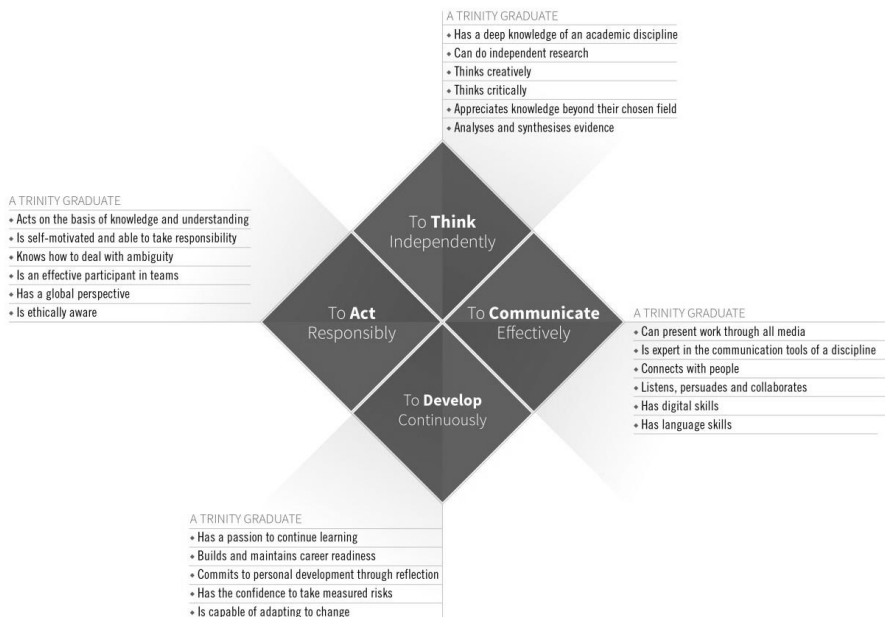
#### ANCIENT LIFE

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

## THE EDUCATIONAL OBJECTIVES OF THE MODERATORSHIP

Throughout an undergraduate degree programme students are provided with opportunities to develop and achieve the Trinity Graduate Attributes supporting their academic growth and shaping the contribution they will make to their field of study, profession and to society. The Trinity Graduate Attributes may be achieved through academic and co- and extra-curricular activities.



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 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;
- advanced expertise in the major subject that provides the student 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;
- 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 the capacity:

- A — 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 and to evaluate information and ideas
- D — to act on the basis of knowledge and understanding.

(ii) *Communication skills*

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

- (d) a foundation, on which to continue developing professionally and personally beyond completion of the moderatorship;
- (e) a capacity to act in a responsible, informed and aware manner.

*Structure of undergraduate degree courses*

2 All undergraduate degree courses are designed to support students in achieving Trinity Graduate Attributes together with the objectives described above. In the first two years there is an emphasis on acquiring a broad base of knowledge in the major subject(s) and in related areas that complement the major subject(s) and increase the student's understanding of them. In the third year there is a gradual shift to in-depth study 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, students, having acquired a solid grasp of the fundamental elements and methodology of the particular subject(s) and a broad base of knowledge, are in a position to undertake advanced, intellectually demanding work, such as the capstone project, requiring extensive independent research, the ability to critically evaluate knowledge and data, the search for new interpretations, and the rigour, discipline and independence of effort that are designed to develop the students' 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. Their assessments 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 Broad Curriculum modules and, where appropriate, Trinity options and approved modules provide students with the opportunity to study outside of their principal subject(s). The availability and timing of these modules depends on the student's programme of study. Broad Curriculum cross-faculty courses will cease to be offered from the end of 2018-19 and students who are eligible to take these will be permitted to take Trinity electives from 2019-20.

*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 2018-19*

2 The academic year begins on 27 August 2018. It is divided into three terms, Michaelmas term (27 August-16 December), Hilary term (14 January-21 April), Trinity term (22 April-2 June). Semester one corresponds with Michaelmas term and runs from 27 August-16 December. Semester two encompasses Hilary and Trinity terms and runs from 14 January-2 June. 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 and at [www.tcd.ie/academicregistry](http://www.tcd.ie/academicregistry). 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 The registration process for students will commence after 13 August 2018 for the academic year 2018-19. Students will be invited to register in a structured and scheduled order depending on the programme.

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). September students who do not register by 30 October 2018 will be deemed to be withdrawn. January students who do not register by 26 February 2019 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](http://www.tcd.ie/academicregistry) to the [Senior Lecturer](#) for re-admission and pay a replacement fee of €358 (€212 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 2018-19 (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 2019. For further information, see COLLEGE CHARGES section.

Note that the above dates may be subject to change. Please see [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-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 [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-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.

All students will have access to a hard or soft copy of a handbook relating to their programme of study. Handbooks will be available in advance of the start of each academic year and will comply with the content requirements as set out in the College Handbook Policy [http://www.tcd.ie/teaching-learning/academic-policies/HB\\_Policy\\_June2018.pdf](http://www.tcd.ie/teaching-learning/academic-policies/HB_Policy_June2018.pdf).

### *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 disabilities have as complete and equitable access to all facets of College life as can reasonably be provided. College has adopted a reasonable accommodation policy for students with disabilities and an associate code of practice which is applicable to all students with disabilities studying in College who are registered with the [Disability Service](#). This is in accordance with the [Disability Act](#) 2005, the [Equal Status Acts](#) 2000 (as amended) and the [Universities Act](#) 1997. Students with disabilities are encouraged to register with the Disability Service early in their course of study 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 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 semester two assessment/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 [National Vetting Bureau](#), 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).

#### *Gold medals and prizes*

31 Gold medals are awarded by the Board to candidates of the first class who have shown exceptional merit at the degree examination in honor or professional courses (see [www.tcd.ie/academicregistry/exams](http://www.tcd.ie/academicregistry/exams)).

32 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 directly to prizewinners unless otherwise stated under the regulations for the particular prize. For details see PRIZES AND OTHER AWARDS (see also MISCELLANEOUS AWARDS).

33 A book prize is awarded to each candidate obtaining an annual result of an overall first class honors grade in an honor course. These prizes are not awarded in the Senior Sophister or final year. Book prizes may be collected from the Academic Registry by the award holder in person.

#### *Submission of assessed work and conduct of examinations*

34 Programmes have discretion to utilise a broad range of assessment practices that are programme-focussed, equip students to apply their learning in contexts beyond the University and assess the graduate attributes appropriately throughout the programme. An assessment component is a discrete unit of assessment, e.g. an examination paper, an essay, an oral/aural examination, practical, field trip, professional placement, or performance which contributes a defined weighting to the overall assessment for a module. Programmes must make available to students details of the assessment components, together with their weightings, for each module, including details of penalties applying for late submission.

35 There are formal University assessment sessions following the end of teaching term in semester one (in Michaelmas term) and following the end of teaching term in semester two (in Trinity term). Students are assessed at the end of semester one in all modules that are taught only in semester one and at the end of semester two in all year-long modules and all modules that are taught only in semester two. There is one reassessment session which is held at the

beginning of Michaelmas term. Students are assessed in all failed modules from both semesters at the reassessment session.

36 The dates of these formal assessment sessions are given in the *Calendar* PART I - ALMANACK. Examinations should be confined to these 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.

37 Examination timetables are published four weeks in advance of the dates of examinations on the [my.tcd.ie](http://my.tcd.ie) portal. 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 formal assessment session as stated in the *Calendar* PART I - ALMANACK.

38 No notice is required of intention to take an end-of-semester examination or to sit for reassessment 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 [my.tcd.ie](http://my.tcd.ie) portal. No timetable or reminder will be sent to individual students by any office.

39 The College has approved the practice of anonymous marking for undergraduate examinations at the formal assessment and reassessment sessions.

40 All undergraduate results are published by student number. The results for assessment completed in semester one are provisional until moderated by the court of examiners in Trinity term.

41 Students are required to complete all assessment components for each module as prescribed by the programme regulations.

42 Students are not permitted to repeat successfully completed assessments or examinations in order to improve their performance.

43 Students who are unable to complete such assessment components necessary to complete a module or modules at the end of the appropriate semester due to certified illness, disability<sup>2</sup>, or other grave cause beyond their control may seek, through their tutor, permission from the Senior Lecturer to present at the reassessment session. Where certified illness, disability, or other grave cause beyond their control prevents a student from completing at the reassessment session they may seek, through their tutor, permission from the Senior Lecturer to repeat the year.

44 Students who may be prevented from sitting an examination or examinations (or any part thereof) due to illness should seek, through their tutor, permission from the Senior Lecturer in advance of the examination session to defer the examination/s to the reassessment session. Students who have commenced the examination session, and are prevented from completing the session due to illness should seek, through their tutor, permission from the Senior Lecturer to defer the outstanding examination/s to the reassessment session.

45 Where such permission is sought, it must be appropriately evidenced:

(a) For illness: medical certificates must state that the student is unfit to sit examinations/complete assessment and specify the date(s) of the illness and the dates on which the student is not fit to sit examinations/complete assessment. Medical certificates must be submitted to the student's tutor within three days of the beginning of the period of absence from the assessment/examination.

(b) For other grave cause: appropriate evidence must be submitted to the student's tutor within three days of the beginning of the period of absence from the assessment/examination.

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

<sup>2</sup>Full details of examination procedures for students with disabilities can be found at <https://www.tcd.ie/academicregistry/exams/student-guide/>.

46 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.

47 Where an examination/assessment has been completed, retrospective withdrawal will not be granted by the Senior Lecturer nor will medical certificates be accepted in explanation for poor performance.

48 If protracted illness prevents students from taking the prescribed assessment components, 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 they must normally register for the year in full in order to fulfil the requirements of their class. Where appropriate please see the regulations governing fitness to practise.

49 Where the effects of a disability prevent a student from taking the prescribed assessment components, 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 they must normally register for the year in full in order to fulfil the requirements of their class.

50 The nature of non-standard examination accommodations, and their appropriateness for individual students, will be approved by the Senior Lecturer in line with the Council-approved policy on reasonable accommodations. Any reports provided by the College's Disability Service, Health Service or Student Counselling Service will be strictly confidential.

#### *Degree of ordinary B.A.*

51 In the majority of undergraduate degree courses, students who have passed the Junior Sophister year may have the degree of ordinary B.A. conferred if they do not proceed to the Senior Sophister year or if they do not pass the Senior Sophister year/final degree assessments. Except by special permission of the University Council, on the recommendation of the court of examiners and, in some cases, of school executive committees, the ordinary degree of B.A. may normally be conferred only on candidates who have spent at least three years in the University. In the case of advanced entry into the Senior Freshman or Junior Sophister year of a student's degree course, the degree of ordinary B.A. may be conferred only on candidates who have spent at least two years in the University subject always to the successful completion of the Junior Sophister year.

#### *Aegrotat degree*

52 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 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 Music Education (B.Mus.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*

53 Except as provided for 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, electronic devices, 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.

54 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.

55 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.

56 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 venue, 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 venue.

57 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).

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

59 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 §§96-105).

#### *60 Access to scripts and other assessed work and discussion of performance*

- (i) All students have a right to discuss their examination and assessment performance with the appropriate members of staff. This right is basic to the educational process. Students are entitled to view their scripts and other assessments when discussing their performance. For work completed during semester one students should note that all results are provisional until moderated by the court of examiners in Trinity term. In Trinity term, students' performance cannot be discussed with them until after the publication of the end-year results.
- (ii) Written assessment components and assessment components which are recorded by various means (e.g. video, audio) are retained by schools and departments for thirteen

months from the date of the meeting of the court of examiners which moderates the results in question and may not be available for consultation after this time period.

61 *Re-check/re-mark of examination scripts and other assessed work*

- (i) Having received information about their final results at the court of examiners in Trinity term and having discussed these and their performance with the director of teaching and learning (undergraduate) or the head of discipline 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 or other assessment specific to the student's course contained questions on subjects which were not part of the course prescribed for the examination or other assessment; or
  - (c) that bias was shown by an examiner in marking.
- (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 director 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>3</sup>
- (iv) 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.
- (v) Once a result has been formally published following the court of examiners it cannot be amended without the permission of the Senior Lecturer.
- (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*

62 A student may appeal a decision of the court of examiners relating to academic progress to a Court of First Appeal.<sup>4</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 §63 below for applicable grounds) and what the appeal is attempting to achieve on the student's behalf. The attention of those bringing an appeal is directed to the assistance offered by the school or course administrators and staff in the Academic Registry 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 §61 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. A student may appeal such decisions of the Senior Lecturer, whether approved or rejected or varied, to the Academic Appeals Committee.

*Academic Appeals Committee*

63 The Academic Appeals Committee meets to consider appeals arising out of examinations

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<sup>3</sup>Details of the procedures relating to the re-check/re-mark of examination scripts and other assessed work are available on the College website at [www.tcd.ie/academicregistry/exams](http://www.tcd.ie/academicregistry/exams).

<sup>4</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> and from relevant course offices.

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. 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. The Academic Appeals Committee reserves the right to refuse to hear a case that has not previously been brought to the relevant Court of First Appeal without justification. 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. 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 staff in the Academic Registry 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*

64 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 [www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor) 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 and attend 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.

65 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.

66 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.* Students seeking to transfer should apply by the end of the fourth week of Michaelmas teaching term (5 October 2018). 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 closing date.

(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 fourth week of Michaelmas teaching term (5 October 2018).

(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 fourth week of Michaelmas teaching term (5 October 2018), 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) 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: Bachelor programmes<sup>5</sup>*

Some programmes with professional accreditation have received a derogation from specific regulations on progression by the University Council. The relevant programme entry provides these details.

67 In order to rise with their class, students must obtain credit for the academic year by satisfactory attendance at lectures and tutorials and by carrying out, submitting and sitting the required assessment components. In addition, students must pass the year by achieving, at a minimum, an overall credit-weighted average pass mark for the year (40 per cent or 50 per cent, as per programme regulations) and either:

(a) accumulate 60 credits by achieving at least the pass mark in all modules

or

(b) pass by compensation. All modules and components within modules are compensatable (except in particular professional programmes where compensation does not apply).

To pass a year by compensation, in programmes that locate the pass mark at 40 per cent, a student must achieve the pass mark in modules carrying a minimum of 50 credits and obtain a module mark of at least 35 per cent in any remaining module(s). A student may accumulate a maximum of 10 credits at qualified pass where the mark lies between 35-39 per cent.

To pass a year by compensation, in programmes that locate the pass mark at 50 per cent, a student must achieve the pass mark in modules carrying a minimum of 50 credits and obtain a

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<sup>5</sup>See individual entries for certificate and diploma courses.



module mark of at least 45 per cent in any remaining module(s). A student may accumulate a maximum of 10 credits at qualified pass where the mark lies between 45-49 per cent.

The end of year or degree result moderated by the court of examiners must be returned and recorded on the student record.

68 Progression is on an annual basis. Within a year students may carry failed modules from one semester to the next but not from one academic year to another; that is, they will not be able to rise to the next year of their programme until they have successfully completed the preceding year(s). Students who have not passed their year are required to present for reassessment when:

- (a) they obtain in excess of 10 credits at qualified pass (i.e. marks between 35-39 per cent where the pass mark is 40 per cent; or 45-49 per cent where the pass mark is 50 per cent);
- (b) they fail any module (i.e. achieving marks below 35 per cent where the pass mark is 40 per cent; or below 45 per cent where the pass mark is 50 per cent);
- (c) they do not obtain an overall pass mark for the year;
- (d) any combination of (a) - (c) occurs.

69 If a student has achieved both fail and qualified pass grades at the first sitting or has exceeded the 10 credit limit allowed for compensation and is not permitted to rise with their year, they must present for reassessment in all failed components of all modules for which they obtained a fail and/or a qualified pass.

70 Different modalities of assessment to the first sitting are permitted in the reassessment session as determined by the programme.

71 The same compensation regulations as outlined above apply at the reassessment session.

72 Students who fail to satisfy the requirements of their year at the reassessment session are required to repeat the year in full (i.e. all modules and all assessment components).

73 Students are permitted to repeat any year of an undergraduate programme<sup>6</sup> subject to not repeating the same year more than once and not repeating more than two academic years within a degree course, except by special permission of the University Council.

74 The maximum number of years to complete an undergraduate degree is six years for a standard four-year programme and seven years for a five-year programme.

75 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), Associate Dean for Undergraduate Science Education 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 advanced entry to 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 advanced entry to any course should be made through the [Academic Registry](#) in the first instance.

76 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 intermitting their studies for extra-curricular reasons.

77 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

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<sup>6</sup>Students are not permitted to repeat year 5 of the integrated programmes leading to the Master in Computer Science; Master in Engineering (Studies); Master in Engineering with Management; and the National Pharmacy Internship Programme. There are also programmes in the Faculty of Health Sciences with regulations pertaining to the number of years within which the programme must be completed (please consult programme entries within the Faculty of Health Sciences section in the *Calendar*).

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 §82 below).

78 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 [www.tcd.ie/study/undergraduate](http://www.tcd.ie/study/undergraduate) 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.

79 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.

80 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.

81 Should a student become pregnant, whilst under no obligation to disclose their pregnancy, they are strongly advised to contact their 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.

82 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.

83 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.

#### *ERASMUS and study abroad*

84 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>7</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.

85 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.

Book prizes may be collected from the [Academic Registry](#) by the award holder in person.

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<sup>7</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.

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

87 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>8</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<sup>9</sup>. 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.

88 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.

89 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*

90 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 will receive an invite via the [my.tcd.ie](http://my.tcd.ie) portal. Conditional notice may be lodged at any time. Since the 2012-13 academic year the Commencements fee is charged as a once-off payment levied at the same time as the tuition fee. The Commencements fee is 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. See [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments) for information concerning charges.

#### *Diploma and certificate award ceremonies*

91 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 to their contact address as provided, inviting them to attend the

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<sup>8</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.

<sup>9</sup>For further information on the H.E.C. programme see the course entry for the Moderatorship in Economic and Social Studies/Bachelor in Business Studies provided under the School of Social Science and Philosophy in FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.

ceremony. Those that cannot attend shall have the qualification awarded *in absentia*. All candidates are presented for the award under a student's registered name within class, where appropriate. See [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments) for information concerning charges.

### Library

92 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*

94 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 [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments) for information concerning unpaid charges.

#### *Student partnership*

95 The University Council has approved a student partnership agreement which reinforces the joint commitment of the University, the Students' Union, and the Graduate Students' Union, to develop and support student partnership, engagement and representation. The policy on student partnership may be viewed on the College website at <http://www.tcd.ie/teaching-learning/assets/pdf/academicpolicies/>.

#### *Plagiarism*

##### *96 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.

##### *97 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.

#### 98 *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 collaboration 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. In order to avoid plagiarism in the context of collaboration and group work, it is particularly important to ensure that each student appropriately attributes work that is not their own.

#### 99 *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.

#### 100 *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>.

101 If plagiarism as referred to in §96 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.

102 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 §101 above must state their agreement in writing to the Director of Teaching and Learning (Undergraduate), or designate. If one of the parties to the informal meeting withholds his/her written agreement to the application of the summary



procedure, or 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.

103 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 with corrections. Instead, the student is required to submit a new piece of work as a reassessment during the next available session. Provided the work is of a passing standard, both the assessment mark and the overall module mark will be capped at the pass mark. Discretion lies with the Senior Lecturer in cases where there is no standard opportunity for a reassessment under applicable course regulations.

104 Provided that the appropriate procedure has been followed and all parties in §101 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 may approve, reject, or vary the recommended penalty, or seek further information before making a decision. If the Senior Lecturer considers that the penalties provided for under the summary procedure are inappropriate given the circumstances of the case, he/she may also refer the matter directly to the Junior Dean who will interview the student and may implement the procedures as referred to under CONDUCT AND COLLEGE REGULATIONS §2. Notwithstanding his/her decision, the Senior Lecturer will inform the Junior Dean of all notified cases of Level 2 and Level 3 offences accordingly. The Junior Dean may nevertheless implement the procedures as referred to under CONDUCT AND COLLEGE REGULATIONS §2.

105 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 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 with disabilities may be permitted to record lectures and tutorials if as part of the needs assessment it is deemed a reasonable adjustment by the Disability Service. Students are advised that all recordings remain the property of the University and are for personal use only. As in the case of provision of lecture notes, the student will sign a 'permission to record' form with the Disability Service which states that the recordings made are for their own personal use and will not be shared. Where the recording of a lecture is not permitted, it will be necessary for the lecturer to provide a suitable alternative (i.e. a transcript of the lecture). 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 Acts](#) (2000-2012), the [Employment Equality Acts](#) (1998-2011) 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 notice-boards 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 [http://www.tcd.ie/Junior\\_Dean/events/index.php](http://www.tcd.ie/Junior_Dean/events/index.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 are 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.

Trinity also has nomination rights for two privately operated purpose built student accommodation developments in the city. Further details are available on the Accommodation Office's website at [www.tcd.ie/accommodation](http://www.tcd.ie/accommodation).

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 early August to the end of Freshers' Week to assist students seeking private accommodation.

3 Comprehensive information is available on the College website at [www.tcd.ie/accommodation](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. Those applying for a place in Trinity through the C.A.O. system may make an application in advance of receiving the offer of a place on a Trinity course. Provisional room allocations will be made in advance of the C.A.O. offers and these allocations will be confirmed after course offers are made. In all other cases 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. Please see the Accommodation Office [website](#) for more details.

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 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 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.

11 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.

12 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*

13 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*

14 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.

#### *Residential charges*

15 For rooms in College students pay a fixed charge for two rental periods i.e. early September to 31 December, and 1 January to 4 May. In Trinity Hall the periods are late August to 31 December, and 1 January to 4 May. Residents wishing to extend the occupancy of their rooms beyond the end of the second billing period may do so up to the day following their last semester two 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 the examinations.

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

16 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>).

17 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*

18 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](#).

19 For rooms in College there are two account periods, early September to 31 December, and 1 January to 4 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 late August to 31 December, and 1 January to 4 May. For the first period, payment must be made before residence is taken up. For the second period 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.

20 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.

21 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*

22 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*

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

24 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 [http://www.tcd.ie/Junior\\_Dean/events/index.php](http://www.tcd.ie/Junior_Dean/events/index.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>10</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 2 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.

Fellows wishing to attend Commons must sign on by 3 p.m. daily at <http://www.tcdlife.ie/scholars/fellow/login.php> or via email to [commons@tcd.ie](mailto:commons@tcd.ie). 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.

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<sup>10</sup>The price of Commons is subject to change.

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

#### *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 University Safety Committee and a [Head of Safety](#) 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 Head of Safety, 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 General Data Protection Regulation (GDPR) came into force on 25 May 2018, replacing the existing data protection framework under the [E.U. Data Protection Directive](#). The GDPR will be transposed into Irish Law by the [Data Protection Bill 2018](#). The existing [Data Protection Acts](#) will not be completely repealed therefore the 2018 legislation should be read in conjunction with the relevant sections of the preceding Acts. The GDPR provides a legal framework for the collection and processing of personal data within the E.U. and of E.U. residents outside the E.U. The GDPR places an emphasis on transparency, security and accountability by data controllers and processors, while standardising and strengthening the right of European citizens to data privacy. All members of staff are required, in addition to observing their obligations under the legislation, 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/data-protection](http://www.tcd.ie/info_compliance/data-protection).

#### *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 <https://www.tcd.ie/college/health/assets/documents/Smoking/TCD%20smoking%20policy%202011.pdf>.

## *XIII DIGNITY AND RESPECT*

The University promotes and is committed to supporting a collegiate environment for its staff, students and other community members which is free from bullying, sexual harassment and other forms of harassment and discrimination on any of the nine equality grounds as laid out in the [Employment Equality Acts](#) 1998-2015 and [Equal Status Acts](#) 2000-2015 (gender, religion, age, civil status, family status, disability, sexual orientation, race or ethnicity, membership of the Traveller community), and free from discrimination in relation to housing assistance as provided for under the [Equal Status Acts](#) 2000-2015.

All members of the University are expected to work to develop and maintain a high degree of respect and civility in our diverse community and to participate in creating a positive environment. This does not affect academic freedom, the values of free open enquiry and discussion of ideas, or humour.

The dignity and respect policy sets out a framework for the resolution of any dignity and respect matters that may arise from time to time and details the sources of help available to staff and students. The University promotes and encourages the resolution of dignity and respect complaints through informal means in so far as possible. A panel of contact people has been appointed by the Board and members are available to provide confidential advice. The policy and sources of help are available at <https://www.tcd.ie/hr/assets/pdf/dignity-and-respect.pdf>.

# 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 See ADMISSION REQUIREMENTS and [www.tcd.ie/study/undergraduate](http://www.tcd.ie/study/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 two-subject moderatorship 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 the two-subject moderatorship are required to present at least one of the chosen languages at grade H4 or better at Irish Leaving Certificate 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<sup>2</sup>, classical civilisation, classical languages<sup>3</sup>, drama studies, early Irish, economics, English literature, film studies, French, geography, German, history, history of art and architecture, Italian, Jewish and Islamic civilisations, 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.

<sup>2</sup>Catholic theological studies ceased to admit students to the Junior Freshman year with effect from 2018-19.

<sup>3</sup>Classical languages refers to the TSM subjects Greek and Latin.

#### PATTERN A AND B

The following subjects may, in certain combinations, be studied in pattern A and pattern B:<sup>4</sup> economics, geography, German, history,<sup>5</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, classical languages, drama studies, early Irish, English literature, film studies, French, history of art and architecture, Italian, 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 each 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 balanced 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.

Students are required to pass 60 credits in order to pass the year.

The ECTS credit for each module is available from the relevant subject's departmental office in their handbook/website and/or module information.

#### *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.

#### *Advanced entry*

11 See GENERAL REGULATIONS AND INFORMATION.

#### *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, §84). 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 expected to achieve a minimum grade of second class (second division) in each subject in the Junior Freshman year for a Senior Freshman exchange, or in the Senior Freshman year for a Junior Sophister exchange, as appropriate. However, some subjects require a minimum grade of

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<sup>4</sup>Please refer to the TSM table of permitted subject combinations on the final page of this section for details of available combinations and patterns.

<sup>5</sup>History may be studied in pattern A only in combination with geography. All other history combinations are studied in pattern B.

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 be reassessed at the reassessment session 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. Limited compensation is permitted for two-subject moderatorship students participating on a half-year exchange. The compensation regulations that would normally apply to a particular cohort will be applied proportionately in respect of the 30 credits taken in Trinity College only. No compensation is permissible on the credits taken while on exchange. Students participating in a half-year exchange may pass the Senior Freshman or Junior Sophister year by compensation if they achieve an overall end-of-year mark of 40 per cent or above in each subject, obtain a minimum of 25 credits at grade pass and have a maximum of 5 credits at qualified pass, where the mark is between 35 and 39 per cent, when in Trinity College.

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

Marks and credits obtained in the host university must be converted using the College-approved conversion table. Further details are available at [www.tcd.ie/study/study-abroad](http://www.tcd.ie/study/study-abroad).

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 semester two (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 end-of-semester examinations. 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 be reassessed at the reassessment session 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.

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 (2018-19)*

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/).

### *Two-subject moderatorship independent project/dissertation in the Sophister years*

18 All two-subject moderatorship Sophister students must complete a piece of independent research work in one of their final two years (Junior and Senior Sophister years) in the form of a project or dissertation. This piece of work may constitute either part or all of a module's assessment requirement. Further details are available on the two-subject moderatorship website at [www.tcd.ie/tsm](http://www.tcd.ie/tsm).

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

19 All Junior Sophister students must choose their pattern (where relevant), and if pattern B, their major and minor subjects and submit their choice to the TSM Course Office, not later than the last day of semester one (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 semester two (Hilary term) in the Senior Freshman year. This choice must meet with the approval of both schools or departments.

### *Academic progress*

20 In order to rise with their class students must obtain credit for the academic year by satisfactory attendance at lectures and tutorials and by passing the required assessment components. Please refer also to College GENERAL REGULATIONS AND INFORMATION, section II.

## *Two-subject moderatorship general assessment and progression information and regulations*

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

22 Academic year structure:

- (i) There are two teaching terms in each academic year: semester one (Michaelmas term) and semester two (Hilary term).
- (ii) Students take 60 ECTS credits in each academic year, 30 for each subject when two subjects are studied, and 60 in the one subject studied in the Senior Sophister year in pattern B and C.
- (iii) Students must have a balanced ECTS credit load across the two semesters, i.e. 30 credits in each semester, with 15 credits in each subject in each semester in academic years where two subjects are studied.
- (iv) 5 credit modules are taught and assessed within one semester, whilst 10 credit modules may be taught and assessed either within one semester or across two semesters. 20 credit modules may be taught or assessed over one or both semesters.

23 Assessment:

- (i) The pass mark is 40 per cent in all components, modules and in the overall subject result.
- (ii) The deadline for the submission of all required assessments, to the relevant subject department, is the end of the assessment week in the semester in which the module is being assessed.
- (iii) Details of any non-formal written examinations, e.g. event based assessment and mid-semester tests, where required, may be obtained from the relevant department.

24 Progression:

See GENERAL REGULATIONS AND INFORMATION.

25 Repetition of year:

Junior Freshman students who fail the year in 2018-19 and are required to repeat the year will be required to change course to the new Joint Honors Arts course. Further details are available from the TSM Course Office.

26 The two-subject moderatorship court of examiners will meet to approve end of year results and progression as follows:

- (i) Annual court: following the assessment week in semester two, a separate court is held for each standing;
- (ii) Reassessment court: following the reassessment week, one combined court is held for all standings;
- (iii) Results for individual students for the assessment and reassessment sessions are published on the portal at [my.tcd.ie](http://my.tcd.ie). Prizes awarded by the two-subject moderatorship court of examiners' meeting are published on the two-subject moderatorship website, [www.tcd.ie/tsm](http://www.tcd.ie/tsm), and by the Academic Registry.

27 Calculation of degree award:<sup>6</sup>

The calculation of the degree award is based on the requirements for each two-subject moderatorship pattern:

(i) Pattern A:

- (a) To be eligible for a moderatorship award candidates must achieve an overall pass in the Senior Sophister year;
- (b) The marks awarded in the two subjects in the Senior Sophister year contribute with equal weighting to the overall degree mark.

(ii) Pattern B:

- (a) To be eligible for a moderatorship award candidates must achieve an overall pass in the Junior Sophister year and an overall pass in the Senior Sophister year;

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<sup>6</sup>This will change from 2019-20 onwards.



- (b) The total moderatorship mark is the combined result of both the Junior Sophister and Senior Sophister years. The overall degree mark is calculated on the basis of equal weightings of both subjects in the Junior Sophister year and equal weighting of both Sophister years.
- (iii) Pattern C:
  - (a) To be eligible for a moderatorship award candidates must achieve an overall pass in the one subject studied in both the Junior and Senior Sophister years;
  - (b) The marks awarded in both the Junior and Senior Sophister years contribute with equal weighting to the overall degree mark.

#### 28 Ordinary B.A.:

The following students are eligible for the award of a level 7 ordinary B.A.:

- (i) Junior Sophister students who successfully complete and pass the Junior Sophister year. Students may request this prior to the publication of their Junior Sophister results, pending eligibility, or may apply post-publication to the TSM Course Office.
- (ii) Senior Sophister students who attempt and fail the Senior Sophister year, who are ineligible to repeat the year (having exhausted the number of attempts permitted during the course of their studies) or who opt not to repeat the year.

#### 29 ERASMUS/study abroad exchange results:

Results for two-subject moderatorship students who have participated on a half-year or full year ERASMUS/study abroad exchange are considered at the following two-subject moderatorship court of examiner's meetings:

- (i) Results for two-subject moderatorship students who participated in a semester one-only exchange are considered at the annual court, following semester two.
- (ii) Results for two-subject moderatorship students who participated in a semester two-only or a full year exchange are considered at the reassessment court.

Further details on the processing of the two-subject moderatorship ERASMUS/study abroad exchanges are available in §12 and from the TSM Course Office.

#### *Gold medals and prizes*

30 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>. See GENERAL REGULATIONS AND INFORMATION.

#### *Foundation scholarship*

31 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 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. 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 the two-subject moderatorship 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.

Students take 60 ECTS credits in each academic year, 30 for each subject when two subjects are studied, and 60 in the one subject studied in the Senior Sophister year in pattern B and C. Students must have a balanced ECTS credit load across the two semesters, i.e. 30 credits in each semester, with 15 credits in each subject in each semester in academic years where two subjects are studied.

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

Sophister students are also referred to the 'Two-subject moderatorship independent project/dissertation in the Sophister years' 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 one examination. Other modules are assessed by coursework only, including essays, written tests and other assignments, as specified in module handbooks. All modules have an element of continuous assessment. 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, carrying 5 credits (contact the department for further information).

#### *Assessment*

Students sit one examination. Other modules are assessed by coursework only, including essays, written tests and other assignments, as specified in module handbooks. All modules have an element of 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 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, carrying 5 credits (contact the department for further information).

#### *Assessment*

##### *Pattern B*

Students sit one examination. Other modules are assessed by coursework only, including essays, written tests and other assignments, as specified in module handbooks. All modules have an element of continuous assessment. 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 eleventh week of Hilary term.

#### *Assessment*

##### *Pattern B*

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

Students sit two examinations and submit a dissertation. (Detailed dissertation regulations are available from the department.) Optional modules include an element of continuous assessment, as specified in module handbooks. 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.

This subject ceased to admit students to the Junior Freshman year with effect from entry in 2018-19.

#### JUNIOR FRESHMEN (not effective from 2018-19)

##### *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 one examination. Other modules are assessed by coursework only, including essays, written tests and other assignments, as specified in module handbooks. All modules have an element of continuous assessment. 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. Other modules are assessed by coursework only, including essays, class presentations and other assignments, as specified in module handbooks. All modules have an element of continuous assessment. 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. Other modules are assessed by coursework only, including essays, class presentations and other assignments, as specified in module handbooks. All modules have an element of continuous assessment. 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 eleventh week of Hilary term.

### *Assessment*

### *Pattern B*

### *Moderatorship part II – major subject*

Students sit two examinations and submit a dissertation. (Detailed dissertation regulations are available from the department.) Optional modules include an element of continuous assessment, as specified in module handbooks. Modules are weighted according to their credit values.

## **Classical languages: Greek and Latin**

Greek and Latin may be combined with other two-subject moderatorship subjects as indicated in the combinations table. However, Greek and Latin cannot be combined together in the two-subject moderatorship.

### **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. 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 two examinations. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Modules are weighted according to their credit values.

#### **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 given in the departmental handbook.

##### *Assessment*

Students sit two examinations. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. 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 one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are given in the departmental handbook.

##### *Assessment*

##### *Pattern B*

Students sit two examinations. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Modules are weighted according to their credit values.

## 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 eleventh week of Hilary term.

### *Assessment*

#### *Pattern B*

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

Students sit three examinations and submit a dissertation. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Detailed dissertation regulations and guidelines are available in the departmental handbook. 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. 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 two examinations. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Modules are weighted according to their credit values.

## 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 given in the departmental handbook.

### *Assessment*

Students sit two examinations. Students take written tests and submit essays or other assignments depending on the modules concerned, as specified in module handbooks. 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 one optional module carrying either 5 or 10 credits each.

The Broad Curriculum and school elective modules are optional. Further details are given in the departmental handbook.

### *Assessment*

#### *Pattern B*

Students sit two examinations. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Modules are weighted according to their credit values.

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 eleventh week of Hilary term.

### *Assessment*

#### *Pattern B*

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

Students sit three examinations and submit a dissertation. Students take written tests and submit essays or other assignments depending on the module concerned, as specified in module handbooks. Detailed dissertation regulations and guidelines are available in the departmental handbook. 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. There are no written examinations and attendance regulations are strict, as continuous assessment, including collaborative projects, applies to most modules. Content of individual modules may change from year to year, depending on staff availability. All Freshman modules are compulsory and involve learning by lecture, seminar and practical workshop. In addition, all Senior Freshman students participate in an ensemble production. All Sophister students choose from a range of available modules alongside one compulsory module in both their Junior and Senior Sophister year. In addition, all Senior Sophister students submit a supervised 10,000 word dissertation.

JUNIOR FRESHMEN

#### *Content*

Students take compulsory modules to the value of 30 credits.

#### *Assessment*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available from the department. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, collaborative projects and minor written submissions. Modules are weighted according to their credit values.

#### *Special requirements*

Attendance is compulsory in all modules. Penalty points will be applied for non-attendance and late submission of work as described in the departmental handbook.

SENIOR FRESHMEN

#### *Content*

Students take compulsory modules to the value of 30 credits.



### *Assessment*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available from the department. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, collaborative projects and minor written submissions. Modules are weighted according to their credit values.

### *Special requirements*

Attendance is compulsory in all modules. Penalty points will be applied for non-attendance and late submission of work as described in the departmental handbook.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising one compulsory 5 credit module and three to five optional modules of 5 or 10 credits. 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*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available from the department. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, collaborative projects and minor written submissions. Modules are weighted according to their credit values.

### *Special requirements*

Attendance is compulsory in all modules. Penalty points will be applied for non-attendance and late submission of work 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. 5, 10 and 15 credit optional modules are available. 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 essays and/or other course work depending on their choice of module. Full details of assessment requirements are available from the department. All modules have some element of continuous assessment which may include class presentations, collaborative projects, ongoing engagement and minor written submissions. Students submit a 10,000 word dissertation

(detailed dissertation regulations are available from the department). There is also a *viva voce* assessment for the compulsory module. Modules are weighted according to their credit values.

### *Special requirements*

Attendance is compulsory in all modules. Penalty points will be applied for non-attendance and late submission of work 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 language 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.

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### SENIOR FRESHMEN

#### *Content*

Students take modules to the value of 30 credits.

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### JUNIOR SOPHISTERS

#### *Content*

Students take modules to the value of 30 credits.

#### *Assessment*

#### *Pattern B*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

## SENIOR SOPHISTERS

### *Content*

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

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 examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). All students also write a dissertation. 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 years, students choose from a 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, see departmental handbook for details. Students taking the combination economics and mathematics should be aware when consulting the handbook that they have different requirements from other economics combinations.

### *Assessment*

Students will be assessed as outlined in the module descriptions. 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, see departmental handbook for details.

### *Assessment*

Students will be assessed as outlined in the module descriptions. 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, see departmental handbook for details.

### *Assessment*

### *Pattern A and B*

Students will be assessed as outlined in the module descriptions. 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, 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, see departmental handbook for details.

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 end of the eighth week of Hilary term, i.e. the week after the reading week.

### *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 will be assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### *Pattern B*

### *Moderatorship part II – major subject*

Students will be assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## **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 literary theory. In the Sophister years students follow a compulsory module on the Book. Sophister students also choose from an array of optional modules on a wide variety of topics. Students receive ongoing training in research methods, bibliography, critical practice and scholarly presentation. Sophister students must take a dissertation or research module in their final year.

## JUNIOR FRESHMEN

### *Content*

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

### *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.

#### 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 their optional modules with Broad Curriculum modules carrying the same credits.

### *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.

#### 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 one compulsory 20 credit dissertation/research module, and four optional semester-long modules carrying 10 credits each. 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. 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. In addition, students explore issues around digital media and engage critically with creative practice. In the Freshman years, core modules consider a wide range of American, European and world cinemas, along with film theory and criticism, and aspects of digital media. Senior Freshman students are introduced to screenwriting and digital video production. Sophister students choose from a wide range of optional modules on areas of specialist film and digital media interest, along with critically informed 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 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 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*

Detailed dissertation information is available in the Sophister handbook and from the Film Studies Office. The dissertation must be submitted by Monday of week 8 of Hilary term. 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.

### *Assessment*

Students are assessed by a combination of examinations, essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. Language modules may include written, oral and/or aural examinations. 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.

### *Assessment*

Students are assessed by a combination of examinations, essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. Language modules may include written, oral, and/or aural examinations. 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.

### *Assessment*

### *Pattern B*

Students are assessed by a combination of examinations, essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. Language modules may include written, oral, and/or aural examinations. 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, including a 20-credit compulsory dissertation module. 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 are assessed by a combination of examinations, essays, practical projects and other course work and a dissertation. Full details of assessment requirements are available in module outlines. Language modules may include written, oral, and/or aural examinations. 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 the 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. 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. 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.

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.

Students may take a Broad Curriculum module (see departmental handbook for further details).

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.

Students may take a Broad Curriculum module (see departmental handbook for further details).

### *Assessment*

#### *Pattern A and B*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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. Pattern A students do not write a dissertation.

Pattern B: Students take modules to the value of 60 credits. The dissertation module is compulsory. The dissertation has a maximum length of 10,000 words.

### *Assessment*

#### *Pattern A*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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 examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### *Special requirements*

See *Special requirements in modern languages*.

## **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. Students at all levels must attend all the lectures and tutorial classes. In order to pass any history module students at all levels must also complete all the prescribed exercises.

#### 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 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 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. The dissertation module is compulsory. The dissertation has a maximum word length of 10,000 words.

##### *Assessment*

##### *Pattern A*

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.

## *Pattern B*

### *Moderatorship part II – major subject*

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.

Students also submit a dissertation. Detailed dissertation regulations are available from the department.

### **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.

##### *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. Students may substitute one optional 5 credit module for a Broad Curriculum cross-faculty module.

##### *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 10 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.

##### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.

##### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.

##### *Assessment*

##### *Pattern B*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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 including the compulsory dissertation module.

##### *Assessment*

##### *Pattern B*

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

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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 are assessed by a combination of examinations, essays, and other course work. Full details are available in the module outlines. 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 semester-long 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 are assessed by a combination of examinations, essays, and other course work. Full details are provided in module outlines for each module. 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 semester-long 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 and write essays. 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  
Calendar 2018-19

oral presentations and write essays. Detailed dissertation regulations are available from the department. Modules are weighted according to their credit values.

## **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 term in which it is delivered and/or an examination held at the end of the term in which it is delivered. 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 term in which it is delivered and/or an examination held at the end of the term in which it is delivered. 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 and 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 term in which it is delivered and/or an examination held at the end of the term in which it is delivered. 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 or 10 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 modules carrying 5 or 10 credits each. The dissertation module is mandatory 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 term in which it is delivered and/or an examination held at the end of the term in which it is delivered. For those submitting a dissertation a poster 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.

### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits.

### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of

continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

#### JUNIOR SOPHISTERS

##### *Content*

Students take modules to the value of 30 credits.

##### *Assessment*

##### *Pattern B*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

#### SENIOR SOPHISTERS

##### *Content*

Pattern B: Students take modules to the value of 60 credits. 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 examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). All students also write a dissertation. 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 musical styles 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 two examinations. Students submit exercises, essays and sit class tests depending on the module concerned. Students are also required to make 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.

## 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 one examination. Students submit exercises, assignments, essays and sit class tests, as required, depending on the module concerned. Students also make weekly aural presentations. Modules are weighted according to their credit values.

### *Special requirements*

Attendance is compulsory in all modules.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits comprising modules of 5 or 10 credits each. There is one compulsory module weighted at 5 credits.

### *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*

Attendance is compulsory in all modules.

## 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*

Attendance is compulsory in all modules.

### **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, within pattern B, to write a dissertation. Students within pattern A have the option 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 either take the dissertation module (15 credits) plus 15 additional module credits or the general paper (5 credits) plus 25 additional module credits. 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 principal 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 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 or by essays 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 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 or by essays 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.

### *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 of five required areas. In addition, the module requirements for students minoring in psychology in the Junior Sophister year are different from 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 examinations, submit assignments, essays and take tests dependent upon the modules taken. Students also complete a dissertation. 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 of five required areas. 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.

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.

#### *Assessment*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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.  
Students may take a Broad Curriculum module (see department for further details).

#### *Assessment*

#### *Pattern B*

Students sit examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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 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 examinations, submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values. Detailed dissertation regulations are available from the department.

### *Special requirements*

See *Special requirements in modern language*.

## **Sociology**

Sociology within the two-subject mentorship 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, see departmental handbook for details.

### *Assessment*

Students will be assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## SENIOR FRESHMEN

### *Content*

Students take modules to the value of 30 credits, see departmental handbook for details.

### *Assessment*

Students will be assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## JUNIOR SOPHISTERS

### *Content*

Students take modules to the value of 30 credits, see departmental handbook for details.

### *Assessment*

### *Pattern A and B*

Students will be assessed as outlined in the module descriptions. 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 will be assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

##### *Pattern B*

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

Students will be assessed as outlined in the module descriptions. 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 generically 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 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 are assessed by a combination of examinations, essays, projects, and other course work, full details are available in the departmental handbook and module outlines. Language modules may be examined by continuous assessment, as well as by written and oral 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 five modules.

##### *Assessment*

Students are assessed by a combination of examinations, essays, oral presentations, projects,

and other course work, full details are available in the departmental handbook and module outlines. Language modules may be examined by continuous assessment, as well as by written and oral examinations. 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 five modules.

*Assessment*

*Pattern B*

Students are assessed by a combination of examinations, essays, oral presentations, projects, and other course work, full details are available in the departmental handbook and module outlines. Language modules may be examined by continuous assessment, as well as by written and oral examinations. 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. The dissertation module (20 credits) is compulsory. The dissertation has a length of 10,000 to 15,000 words and must be submitted by the Monday of the eighth week of Hilary term.

*Assessment*

*Pattern B*

*Moderatorship part II – major subject*

Students are assessed by a combination of examinations, essays, oral presentations, projects, and other course work, a dissertation, and dissertation *viva voce*, full details are available in the departmental handbook and module outlines. Language modules may be examined by continuous assessment, as well as by written and oral examinations. 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 take oral or written end-of-semester 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 take oral or written end-of-semester 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 take oral or written end-of-semester 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.

Table of permitted subject combinations	Ancient history and archaeology	Catholic theological studies	Classical civilisation	Classical languages	Drama studies	Early Irish	Economics	English literature	Film studies	French	Geography	German	History	History of art and architecture	Italian	Jewish and Islamic civilisations	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	B
Catholic theological studies					B								B		B			B		B					
Classical civilisation				B	B			B		B			B	B	B	B		B		B		B		B	B
Classical languages	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	
Early Irish	B			B									B	B		B									B
Economics											*	*	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
Film studies					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	*
History	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	
Jewish and Islamic civilisations	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
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
Sociology					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
World religions and theology	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.

Classical languages refers to the TSM subjects Greek and Latin.

Catholic theological studies ceased admittance to the Junior Freshman year with effect from 2018-19.

# *Faculty of Arts, Humanities and Social Sciences*

## *1 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 XIV 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 XV below), in Middle Eastern and European Languages and Cultures (see VII below), in Music (see III below), in Philosophy (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 XII below), in World Religions and Theology (B.A. with honors) (see XI below), Bachelor in Arts (B.A.), Bachelor in Acting (B.Histr.) (see III 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), Global Business (Bachelor in Business Studies) (B.B.S.Gl.) (see II and XII 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), Bachelor in Stage Management and Technical Theatre<sup>2</sup> (see III 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) and a diploma in acting and theatre (see III below).

The faculty also provides a Certificate in Arts, Science and Inclusive Applied Practice (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>Degree title is pending Senate approval.

### *Admission*

3 See ADMISSION REQUIREMENTS.

### *Advanced entry*

4 See GENERAL REGULATIONS AND INFORMATION.

### *Academic progress*

5 See GENERAL REGULATIONS AND INFORMATION.

### *Examinations and assessment*

6 See GENERAL REGULATIONS AND INFORMATION.

### *Foundation scholarship*

7 Students intending to present themselves for this examination should see FOUNDATION SCHOLARSHIPS.

### *Repetition of year*

8 See GENERAL REGULATIONS AND INFORMATION.

### *Transfer of course*

9 See GENERAL REGULATIONS AND INFORMATION.

### *Gold medals and prizes*

10 See GENERAL REGULATIONS AND INFORMATION.

## **II TRINITY BUSINESS SCHOOL**

Trinity Business School offers the degree of Global Business (B.B.S.GI.). 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 GLOBAL BUSINESS (BACHELOR IN BUSINESS STUDIES)**

#### *Introduction*

1 Trinity Business School offers a denominated course in business studies which leads to the degree of Global Business (B.B.S.GI.).

The ECTS credits for each year of the course are as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister 60 credits; 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.

### **Junior Freshmen**

#### *Modules*

Students must take 60 credits, 50 credits in compulsory modules and 10 credits in optional modules, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptors. Modules are weighted according to their credit values.

### **Senior Freshmen**

#### *Modules*

Students must take 60 credits, 40 credits in compulsory modules and 20 credits in optional modules, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptors. Modules are weighted according to their credit values.

### **Junior Sophister**

To meet the College requirement that all students graduating from 2017-18 onwards complete an independent project or dissertation in one of their final two years, B.B.S.GI. Sophister students must take one of the modules identified as 'IRP' from the list in the programme handbook.

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptors. Modules are weighted according to their credit values.

### **Senior Sophister**

To meet the College requirement that all students graduating from 2017-18 onwards complete an independent project or dissertation in one of their final two years, B.B.S.GI. Sophister students must take one of the modules identified as 'IRP' from the list in the programme handbook.

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptors. Modules are weighted according to their credit values.

## 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. 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.

The ECTS credits for each year of the course are as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister (year abroad) 60 credits; 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 and assessment*

3 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 reassessment 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. Candidates may only repeat any year once, and are permitted to repeat a maximum of two years.

The overall B.B.S. result is based 100 per cent on the Senior Sophister year.

## **4 Junior Freshmen**

### *Modules*

Students must take 60 credits, 30 credits in both semesters. They must take 20 credits in compulsory business modules, 20 credits in compulsory language/civilisation modules in their chosen language programme, and, in each semester, 10 credits in optional modules. Credits must be evenly distributed. Please see the programme handbook for module options, module prerequisites and programme requirements.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## **5 Senior Freshmen**

### *Modules*

Students must take the six business modules totalling 30 credits, and the two designated modules in their language area totalling 20 credits. In addition, students may choose modules totalling 10 credits from the list of optional modules available. The examination of modules consists of a combination of continuous assessment and end-of-semester examinations. Modules are weighted according to their credit values. Please see the programme handbook for module options, module prerequisites and programme requirements.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.



## 6 Junior Sophisters

### *Modules*

The Junior Sophister year is spent following approved modules totalling 60 credits 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 be required to undertake selected activities and assignments relating to their personal and career development. It is expected that students undertake a relevant work experience of a minimum duration of six to eight weeks in an approved organisation or institution using their target language, and this will be reflected on their final transcript. 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 according to the request of their language department.

### *Assessment*

Students must pass no fewer than 45 credits, or equivalent, from the host university in order to rise with their year. Students on Erasmus exchange may be reassessed 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. 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.

## 7 Senior Sophisters

### *Modules*

Students must take 60 credits, including a compulsory business module, an optional business module and 30 credits of language modules, including a case study project in the relevant foreign language.

### *Assessment*

Modules are assessed as outlined in the module descriptors. Modules are weighted according to their credit values.

## *III SCHOOL OF CREATIVE ARTS*

The School of Creative Arts 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, a degree of Bachelor in Stage Management and Technical Theatre 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 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.

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.

### **Junior Freshmen**

#### *Lectures, seminars and workshops*

- 1 Theatre history 1
- 2 Performance analysis
- 3 Theatre laboratory 1
- 4 Introduction to performing 1
- 5 Theatre practice 1 (technical theatre)
- 6 Contemporary performance research 1
- 7 Study skills (research, writing and multi-media skills)

#### *Assessment*

Assessment is based on course work (including essays, presentations, collaborative performance and technical projects, reflective writing and engagement with seminar discussions). 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 and late submission of assignments as described in the departmental handbook.

### **Senior Freshmen**

#### *Lectures, seminars and workshops*

The 'Ensemble production project' involves a full commitment to rehearsal and production schedule.

- 1 Theatre history 2
- 2 Performance studies
- 3 Theatre laboratory 2
- 4 Introduction to performing 2
- 5 Theatre practice 2
- 6 Ensemble production project
- 7 Contemporary performance research 2

#### *Assessment*

Assessment is based on course work (including essays, presentations, collaborative performance and technical projects, reflective writing, *viva voce*, and an ensemble production). There are no end of year written examinations in Drama. Modules are weighted according to their credit values. Penalty points will be applied for non-attendance and late submission of assignments 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. By special arrangement students may take up to two modules offered by another school or department in each of their Sophister years. Modules may include but are not limited to the following:

#### *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 (10 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)

#### *Advanced modules*

Most group A and B modules are offered to advanced level in the Senior Sophister year, subject to prerequisites and class quotas. Advanced modules are only available to Senior Sophister students who have completed the preliminary levels of the chosen specialisms and have met the specified criteria.

Some of the advanced modules carry 15 credits and involve a high level of independent responsibility for both project proposal and realisation.

#### *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. The dissertation is submitted in the second week of Trinity Term.

#### *Assessment*

Details of the nature of assessment in each module may be obtained from the departmental office. According to the nature of the module, assessment may include essays, presentations, individual and collaborative practical and research projects, reflective writing and a *viva voce*. The proportion may vary according to the module. Modules are weighted according to their credit values. There are no written end of year examinations in Drama. Penalty points will be applied for non-attendance and late submission of assignments as described in the departmental handbook.

#### *Weighting of Sophister marks*

In drama and theatre studies marks earned during the Junior Sophister year count for 35 per cent of the degree mark, with the 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 above) will be excluded from the course. There is no compensation permitted in any year and there is no reassessment.

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

Musicianship and group 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).

**BACHELOR IN STAGE MANAGEMENT AND TECHNICAL THEATRE**

1 A three-year practical degree in stage management and technical theatre is offered by The Lir – National 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, costume, scenographic construction and painting, lighting and sound, properties and propping, stage/production/technical management, film and television, health and safety, and widely used industry technology, the course seeks to equip students with the skills necessary to realise a theatre production.

4 Classes in theatre history, set, costume and lighting design and professional development 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 Entrance requirements for the course are University matriculation, and successful interview and portfolio. 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 technical promise may be admitted without normal matriculation requirements.

*Course*

6 The degree course consists of five elements:

Stage technologies  
Theatre production  
Stage management  
Theatre technology  
Theatre studies

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 above) will be excluded from the course. There is no compensation permitted in any year and there is no reassessment.

The degree is awarded on the basis of continuous assessment of course work, practical assignments and production work in the final year.

#### *Modules*

##### **Year 1**

Students take the following compulsory modules:

Theatre skills 1 – stage crafts (30 credits)  
Theatre skills 2 – stage technologies (30 credits)  
Theatre studies (20 credits)

##### **Year 2**

Students take the following compulsory modules:

Applied theatre skills (10 credits)  
Theatre studies 2 (10 credits)

And choose four elective modules from the following:

Principles of stage management (15 credits)  
Applied stage management 1 (15 credits)  
Applied stage management 2 (15 credits)  
Principles of theatre technology: lighting (15 credits)  
Principles of theatre technology: sound (15 credits)  
Principles of film technology (15 credits)  
Applied theatre technology 1 (15 credits)  
Applied theatre technology 2 (15 credits)  
Principles of theatre production: technical stage management (15 credits)  
Principles of theatre production: scenic artist (15 credits)  
Principles of theatre production: prop maker (15 credits)  
Principles of theatre production: costume supervisor (15 credits)  
Principles of theatre production: set construction (15 credits)  
Applied theatre production 1 (15 credits)  
Applied theatre production 2 (15 credits)

##### **Year 3**

Students take the following compulsory modules:

Advanced theatre skills (30 credits)  
Advanced theatre studies (25 credits)  
Industry placement (25 credits)

*Interim arrangements for students on the existing course  
and holders of the Professional Diploma*

Students currently enrolled on the existing Professional Diploma in Stage Management and Technical Theatre can either elect to complete the course and exit with a professional diploma after two years, or transfer to the new degree programme and exit after three years with an honors degree. Students who elect to transfer to the degree programme will achieve the necessary 40 additional ECTS by completing two additional modules: venue technician 1 (20 credits), venue technician 2 (20 credits) or additional professional placements.

For a limited period of two years, graduates who have already been awarded the Professional Diploma in Stage Management and Technical Theatre will have an option to return to complete the additional ECTS required to attain an honors degree in Stage Management and Technical Theatre. They will acquire the additional 120 ECTS over a year and a half by completing the third year (80 ECTS) and two additional modules: venue technician 1 (20 credits), venue technician 2 (20 credits) or additional professional placements.

The previous award of a Professional Diploma in Stage Management and Technical Theatre will be rescinded from graduates before they are awarded the Bachelor in Stage Management and Technical Theatre.

## 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 the 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 is no reassessment 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 assessment*

2 The honor curriculum of the Department of Music is primarily concerned with the study of western musical styles in three principal areas: composition, musicology and music technology. Some modules are shared between Junior and Senior Sophisters.

3 The ECTS value of each year of the course is 60 credits.

4 Students are examined at the end of each semester either by written examination or continuous assessment, or by a combination of both.

5 Sophister examinations and the equivalent submission of project and assessment work may not take place outside the normal examination periods.

6 Attendance is compulsory in all modules.

7 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.

8 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 department 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)*

Two of the following:

Introduction to musicology (5 credits)  
Introduction to free composition (5 credits)  
Music technology II (5 credits)

### **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 in the Junior Sophister year and 50 per cent to part II in 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.

Students may complete a dissertation at Junior Sophister and Senior Sophister levels. Students specialising in composition or technology (non-musicology students) may opt to write a dissertation as an elective in their Junior Sophister or Senior Sophister year (5,000 words - 10 credits). Musicology students write a dissertation in their Junior Sophister year (5,000 words - 10 credits) and in their Senior Sophister year (10,000 words – 20 credits).

Full information on these modules and on assessment and examination requirements is published annually in the Department of Music handbook.

### **Junior Sophisters**

#### *Core modules (25 credits)*

Instrumentation (5 credits)  
Specialisation I (5 credits)  
Specialisation II (5 credits)  
Project (one of the following): (10 credits)  
Composition portfolio JS  
Music technology project JS  
Dissertation I (5,000 words)

#### *Electives available annually*

Dissertation I (5,000 words) (10 credits)  
Composition forum (5 credits)  
Music technology modules (5 credits)  
Musicology seminar (5 credits)  
Additional electives (a list will be published at the end of each academic year)  
Recital (25 minutes in length, subject to audition, and only one recital module can be taken in the Sophister years) (5 credits)

Students take a combination of electives totalling 35 credits.

### **Senior Sophisters**

#### *Core modules (30 credits)*

Specialisation I (5 credits)  
Specialisation II (5 credits)  
Project (one of the following): (20 credits)

Composition portfolio SS  
Music technology project SS  
Dissertation II (10,000 words)

*Electives available annually*

Dissertation II (5,000 words) (10 credits)  
Composition forum (5 credits)  
Music technology modules (5 credits)  
Musicology seminar (5 credits)  
Additional electives (a list will be published at the end of each academic year)  
Recital (25 minutes in length, subject to audition, and only one recital module can be taken in the Sophister years) (5 credits)

Students take a combination of electives totalling 30 credits.

*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 Arts, Science and Inclusive Applied Practice, 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 partner college in September 2018 will be the Royal Irish Academy of Music. The partner college in September 2019 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 Royal Irish Academy of Music or the DIT Conservatory of Music and Drama. The course also provides for a solid grounding in composition, orchestration, analysis and history of music. Students will study the following educational modules provided by the School of Education in Trinity College and the relevant partner institution: music education including coteaching; 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; school placement. 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 post-primary teachers of music. Graduates of the course are eligible for registration with the Teaching Council.

*Admission*

3 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 assessment*

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 school placement. In order to advance with their class, students must satisfactorily complete the assignments of the year and pass the required examinations.

Modules are weighted according to their credit values.

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 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 including school placement

#### **Senior Freshmen**

- Performance
- Musicianship
- Compositional techniques
- Music history
- Music education
- Foundation studies 1
- School placement

#### **Junior Sophisters**

- Performance
- Musicianship
- Foundation studies 2
- Music education
- Foundation studies 3
- School placement

#### **Senior Sophisters**

In the Senior Sophister year students choose their major option (20 ECTS credits) from one of the following options: 1. Recital and short dissertation; 2. Dissertation and short recital; 3. Free composition and short recital.

- Major option
- Aural perception
- Compositional techniques
- Music education
- 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*. School placement however, may fall outside of the faculty teaching terms.

### **CERTIFICATE IN ARTS, SCIENCE AND INCLUSIVE APPLIED PRACTICE**

8 The Certificate in Arts, Science and Inclusive Applied Practice carries 120 credits and will be taught over four academic terms of twelve weeks each. The total credit weighting for the first academic year is 55 credits and the following academic year is 65 credits. The programme aims to provide students with intellectual disabilities the opportunity to participate in a level 5 major award course based in Trinity College Dublin. The curriculum provides students with knowledge of multiple academic disciplines, and takes an interdisciplinary approach to examine how disability is influenced and reinforced through the various academic perspectives.

### *Admission*

Admission requirements for the course include applicants providing proof that they have completed their Junior Certificate and have achieved a grade of D or above in mathematics and English at foundation, ordinary or higher level. Due to great variability in opportunities that exist for students with intellectual disabilities in regards to completing the Junior Certificate, applications will also be accepted from individuals who have completed an equivalent level 3 course. In certain circumstances applications from individuals who have not received said requirements may be considered for the course within due reason. A completed application package which includes two references from past educators/employers, evidence of a disability document, a form completed by the applicant's current school, employer or service provider and an application form completed by the applicant must be submitted by the applicant to the Trinity Centre for People with Intellectual Disabilities by a stated deadline. Applications that are submitted by the application deadline will be reviewed by a panel. Applicants who are deemed to be suitable for the course based on their application package will be shortlisted and invited to Trinity to participate in a half-day interview. All interviewees will be required to attend on the same day. The half-day will include group tasks, individual interviews, assessment of the applicant's numeracy and literacy skills, and assessment of the applicant's ability to interact with peers, lecturers, and administrative staff. Students will be evaluated on the various activities of the half-day event and a panel of instructors will then decide who from this group would be suitable as a candidate for the programme.

### *Content*

The programme consists of twenty-two modules which are divided into six interdisciplinary themes: 1) advanced learning theories and self-development; 2) applied research theories and practice; 3) applied science, technology and maths; 4) business and marketing; 5) advocacy, rights and culture; 6) fine arts and languages.

### **Year 1**

Mandatory modules to be taken are: learning theory and practice (5 credits), occupational therapy: personal and self-development (5 credits), expressive arts (5 credits), human rights (5 credits), language and society (10 credits), applied health science: body systems and function (5 credits), self-managing services (5 credits), applications of numbers (5 credits), and emergency and disaster management (5 credits). Students are required to take one elective module. Elective modules offered are: Italian for beginners (5 credits) and exploring art: Renaissance to Modern (5 credits).

### **Year 2**

Mandatory modules to be taken are: research: theories and concepts (5 credits), entrepreneurship and disability (10 credits), film analysis (5 credits), research: practice and application (5 credits), work placement (5 credits), STEM and society (5 credits), marketing (10

credits), occupational therapy: preparing for transition (5 credits), disability rights practicum (10 credits). Students are required to take one elective module. Elective modules offered are: poetry (5 credits) and health promotion and intellectual disabilities (5 credits). The elective options are dependent on student numbers and only one elective may be offered in each year. This will be at the discretion of the course co-ordinator in consultation with teaching staff.

### Assessment

The Certificate in Arts, Science and Inclusive Applied Practice will be offered as a level 5 major award. Each module is designed to provide students with multiple and varied assessment types to ensure the learning styles of students are being taken into consideration. The grading bands applicable to component, module and end of year results are as follows.

Fail = 39% and below

Pass = 40% - 69%

Distinction = 70% - 100%

To pass each year of the course, students must perform prescribed assessments and achieve a credit weighted average mark of 40 per cent by obtaining a pass grade in all modules. If the student fails a component of a module they may still pass the module as the results from each assignment are all added together to give an overall grade. In each year students may pass by compensation in the case of failure under three circumstances:

Circumstance 1: Fail one 5 credit module provided that all other modules have passed (minimum mark of 40 per cent) and that a minimum mark of 30 per cent has been achieved in the failed module.

Circumstance 2: Fail two 5 credit modules provided that all other modules have passed (minimum mark of 40 per cent) and that a minimum mark of 35 per cent has been achieved in the failed modules.

Circumstance 3: Fail one 10 credit module provided that all other modules have passed (minimum mark of 40 per cent) and that a minimum mark of 35 per cent has been achieved in the failed module.

In both years of the programme students who fail modules may repeat in the reassessment period, taking such assessments as required. Students who fail a year may, in certain circumstances, be permitted to repeat the year. Students who experience *ad misericordiam* difficulties during the year may be given permission to defer their assessments to the reassessment period. Appeals will be managed through the appeals procedures relevant to the School of Education.

The overall aggregated mark of both years will be the credit-weighted average of the module marks. Each year contributes 50 per cent in the calculation of the award result. The certificate will be awarded as either a pass, merit or distinction. A pass will be awarded at 40 per cent, a merit at 55 per cent and a distinction at an overall average of 70 per cent.

### CERTIFICATE IN FOUNDATION STUDIES FOR HIGHER EDUCATION<sup>3</sup>

9 The one-year Certificate in Foundation Studies for Higher Education carries 60 ECTS credits and aims to provide students, who for social and economic reasons may not otherwise have the opportunity to progress to third level studies, with the academic and personal preparation to undertake degree courses. The course equips students with the skills needed to participate in and benefit from a third level course and prepares them to compete equally for entry to third level.

The course is taught by a committed team of tutors, and there is a strong emphasis placed on the personal and academic development of students, specifically building up students' confidence

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<sup>3</sup>The School of Education is responsible for the academic oversight of the Certificate in Foundation Studies for Higher Education, however, the course is delivered in, and by, the Trinity Access Programmes. See ADMISSION REQUIREMENTS.

in their academic abilities and providing them with an opportunity to experience the satisfaction to be gained from learning in an academic environment.

#### *Admission*

There is an annual intake of fifty E.U. students (twenty-five mature students and twenty-five young adults). Applicants must come from socio-economic groups which are currently under-represented in higher education.

Young adult applicants must be 21 years of age or younger in the year of application, achieve at least five pass grades and one higher grade 5 in the Leaving Certificate. Applicants must pass English and mathematics in the Leaving Certificate. Applicants may also achieve an overall grade of a distinction in the Leaving Certificate Applied or a complete FETAC level 5 with distinctions in a minimum of three academic modules.

Mature student applicants must be 23 years or older in the year of application. There are no formal academic requirements for mature applicants although the majority of successful applicants have engaged in adult education in the three years prior to applying for the course.

#### *Content*

All students must take educational guidance, study skills and information technology in the core skills module (5 credits). Students must also study one of four academic streams, each of which is worth 55 credits:

Science (biology, chemistry, mathematics for STEM and physics modules).

Combined version 1: science/social sciences (biology, mathematics and statistics, psychology, and sociology modules and one other social science module).

Combined version 2: science/social sciences (biology, mathematics and statistics and English modules and one other social science module).

Social sciences (mathematics and statistics module, and four of the following modules: psychology, sociology, economics, law, business and political science).

Arts (English, history and philosophy modules).

Students may also combine modules from Arts and Social sciences.

#### *Assessment*

To pass the course, students must (a) attend 80 per cent of all prescribed classes, (b) perform prescribed assignments and examinations, (c) achieve a credit weighted average mark of 40 per cent by obtaining a pass grade in all modules in each year. Core skills and all modules in the academic stream selected are year-long and compulsory.

Students may pass by compensation in the case of failure in one module provided that all other modules have been passed outright and that a minimum mark of 35 per cent has been achieved in the failed module. Students who do not pass at the end-of-semester examination session, either outright or by compensation, must be reassessed in all modules in which they did not achieve a mark of at least 40 per cent by taking such assessment components, as required, during the reassessment period.

The overall aggregate mark for the year will be a credit-weighted average of the module marks. The certificate will be awarded as either pass, merit or distinction. A pass will be awarded at 40 per cent, a merit at 55 per cent and a distinction at an overall average of 70 per cent.

Students who pass the course with a minimum grade of 50 per cent can compete for places on degree courses in Trinity subject to achieving minimum grade and subject requirements.

## V SCHOOL OF ENGLISH

The School of English offers the honors course described below, 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; Old English

#### **Senior Freshmen**

Further survey/thematic modules in the history of English and related literatures. Students may take a Broad Curriculum module. The assessment methods for these modules may differ from those offered by the School.

#### *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 module on the Book carrying 10 credits, and choose five one-semester optional modules carrying 10 credits each. Students in their Senior Sophister year take modules to the value of 60 credits comprising one compulsory 20 credit dissertation/research module, and four optional semester-long modules carrying 10 credits each. Further details about the dissertation and Sophister modules may be obtained from the School of English Office. Optional modules are offered to students in their Sophister years in the following areas subject to availability of staff in any given year.

- 1 Old English
- 2 Middle English literature
- 3 Early Modern literature
- 4 Seventeenth-century literature
- 5 Eighteenth-century literature
- 6 Nineteenth-century literature
- 7 Literature since 1900
- 8 Irish writing in English
- 9 U.S. literature
- 10 Women's literature
- 11 Literary theory and literary history
- 12 Cultural studies



- 13 Post-colonial literature
- 14 Children's literature
- 15 Popular literature
- 16 Creative writing

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.

#### *Moderatorship examination, part I*

Moderatorship part I is held in 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.

#### *Moderatorship examination, part II*

Moderatorship part II is held in 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.

### MODERATORSHIP IN ENGLISH STUDIES (DUAL B.A. DEGREE PROGRAMME WITH COLUMBIA UNIVERSITY)

#### *Admission*

1 For E.U. students, the C.A.O. requirements for English Studies apply. Additional application materials are required and each applicant is interviewed. For non-E.U. students, general college requirements apply, plus additional application materials, and each applicant is interviewed.

#### *Aim of course and subjects of study*

2 The dual degree programme combines the course in English Studies in Trinity College with the liberal arts programme offered by the School of General Studies at Columbia University. The dual degree in English Studies is an interdisciplinary course which 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 in Trinity College, students are introduced to literary theory and to central aspects of the history of English and related literatures. In their Senior Freshman year, students will also be required to take two language modules out of a range of options, including French, German, Spanish, Polish, Italian and Russian. Teaching is through a combination of lectures and tutorials.

3 Students register with both institutions in all four years of the course. In the first two years students are bound by Trinity's regulations, policies and procedures and in the final two years, by those applicable in Columbia. Trinity's regulations, policies and procedures will also apply to the additional modules (60 credits) required by Trinity in the final two years. Students are required to familiarise themselves with both institutions' regulations.

4 To meet Columbia's degree requirements, students must attain a minimum of 55 per cent in each module taken at Freshman level in order for these to count as credit towards the Columbia core. In their Junior and Senior Sophister years, students will be resident in Columbia, and take a range of modules. The dual degree programme enables students to strengthen areas of interest developed in the first two years, by providing extensive module choices across the related disciplines in years three and four, while improving the students' language skills and offering access to further educational resources to a range of modules in English and the humanities.

While in their Sophister years, students take a further 60 ECTS of credits in the Trinity Sophister programme. The Senior Sophister year allows students to develop their research skills by writing a 6,000-8,000-word dissertation/project supervised by a staff member from both institutions.

5 The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister and Senior Sophister 60 credits; at Columbia students must complete a minimum of 64 credits (equivalent approx. to 120 ECTS).

### **Junior Freshmen**

Students will follow the core course in English Studies. The Freshman years include foundation modules in the study of anglophone literatures, as well as introductions to the theoretical study of literature and the discipline of English.

### **Senior Freshmen**

Senior Freshmen will take 40 ECTS of modules in English.

Students will also take two language modules in their choice from the following:

- 1 French written language 1
- 2 German language 1
- 3 Spanish grammar and syntax
- 4 Italian language 1
- 5 Polish language 1
- 6 Polish language for advanced speakers 1
- 7 Russian language 1
- 8 Russian language for advanced speakers 1

Students may substitute two Broad Curriculum modules for one of their language options.

### **Sophister Years**

In the final two years, students take a minimum of 64 credits (approximately 120 ECTS credits) at Columbia and 60 credits at Trinity. The 60 Trinity credits in the Sophister years are gained through four modules: an open archives module taken by rising Junior Sophister students early in the summer session which requires engagement with College's archival and print collections (20 credits); a 'general paper' which requires students to demonstrate an ability to think critically and draw upon content, sources and methodologies encountered in work done since commencing their course of study, set by the School of English in Trinity, but taken while the student is in Columbia in their Junior Sophister year (10 credits); a seminar module, based on one of the Sophister options available to single honors and TSM students in English Studies and English Literature, delivered by a member of the School of English while the student is in Columbia in their Junior Sophister year (10 credits); and a senior essay/independent study, co-supervised by a member of the School of English and a Columbia faculty member, assessed by two distinct outputs - for Columbia, students will complete their dissertation under the regulations of the relevant department in the School of General Studies, while for Trinity, students will complete a separate 6,000-8,000-word piece of writing on this work and their research (20 credits).

#### *Additional Trinity modules*

Open archives project  
English literature option  
General paper  
Dissertation

#### *Assessment and progression regulations*

Trinity's progression regulations are applicable in the first two years of the programme.

#### *Moderatorship*

The degree classification is calculated based on the conversion of Columbia's results from the final two years and weighted inclusion of the additional Trinity Sophister elements of the

programme at the end of the Senior Sophister year on a two-thirds to one-third basis, respectively.

## 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>4</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 XV 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 Students at all levels must attend all the lectures and tutorial classes. In order to pass any history module, students at all levels must also complete all the prescribed exercises.

3 In the Junior Freshman year students are offered modules in ancient history, art history and history. There is an opportunity to study Latin.

4 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.

5 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.

6 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.

7 The ECTS value of each of the four years of the course is 60 credits.

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 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.

10 The optional modules offered may vary from year to year.

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<sup>4</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.

## Junior Freshmen

### *Modules*

- 1 Greek and Roman history (10 credits)
- 2 Greek and Roman art and architecture (10 credits)
- 3 Two modules in art history (10 credits each)
- 4 A module in medieval history (10 credits)
- 5 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.

### *Assessment*

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.

### *Assessment*

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 in 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 in 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 The ECTS value of each of the four years of the course is 60 credits.

3 Candidates are examined on Greek and Latin language, prescribed authors, and ancient history. Passages are also set for unseen translation.

4 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.

5 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.

##### *Assessment*

##### *Junior and Senior Freshman*

Modules are weighted according to their credit values. Examination methods consist of formal examination papers, assessed language tests, and other assigned course work.

#### **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.

##### *Assessment*

##### *Moderatorship examination, part I*

Moderatorship part I is held during the Junior Sophister year and will consist of formal examination papers, assessed language tests, assessed presentations, and other assigned course work. Modules are weighted according to their credit values.

## Senior Sophisters

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.

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.

### *Assessment*

#### *Moderatorship examination, part II*

Moderatorship part II is held during the Senior Sophister year and will consist of formal examination papers, assessed presentations, and other assigned course work. Candidates also submit a dissertation. Modules are weighted according to their credit values.

### *DEPARTMENT OF HISTORY<sup>5</sup>*

#### MODERATORSHIP IN HISTORY

1 In the Freshman years, students are offered a range of modules on Irish, European and non-European history. Junior Freshmen may substitute electives of up to 5 credits in modern languages for a module in history. Senior Freshmen may substitute electives of up to 5 credits.

2 In the Sophister years, students are offered a range of modules. 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 on a date outlined in the programme handbook.

4 Students at all levels must attend all the lectures and tutorial classes. In order to pass any history module, students at all levels must also complete all the prescribed exercises.

5 The ECTS value of each of the four years of the course is 60 credits.

6 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.

7 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. The late submission of assessed work will be penalised. Details of penalties for late submission are given in the relevant course handbook.

8 Available modules will be listed in the programme handbook each year.

## Junior Freshmen

### *Modules*

A selection of 5 credit and 10 credit modules will be offered.

Students may substitute electives of up to 5 credits in modern languages for one of the history modules.

### *Examination and assessment<sup>6</sup>*

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.

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<sup>5</sup>For details of history in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

<sup>6</sup>Students are advised to consult the handbook for further examination and assessment information.

## Senior Freshmen

### *Modules*

A selection of 5 credit and 10 credit modules will be offered. There is also a group project to be assessed as equivalent to two five-credit modules.

Students may substitute electives of up to 5 credits for one of the 5 credit history modules.

### *Examination and assessment<sup>7</sup>*

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

### *Modules*

- A One module from list I (20 credits)
- B (i) Two modules from list II semester-long options (20 credits) *and*  
(ii) Two modules from list II year-long options (20 credits)

### *Moderatorship examination, part I*

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. 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, not taken in the Junior Sophister year (20 credits)
- B Two modules from list II semester-long options, not taken in the Junior Sophister year (20 credits)
- C A dissertation on an approved topic (20 credits)

### *Moderatorship examination, part II*

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.

The combined mark obtained carries the weight of 65 per cent of the total moderatorship marks.

## MODERATORSHIP IN HISTORY (DUAL B.A. DEGREE PROGRAMME WITH COLUMBIA UNIVERSITY)

1 The Junior and Senior Freshman years are taught in Trinity College, and students study the two Sophister years at Columbia University, New York. In the Freshman years, students are offered a range of modules in Irish, European and non-European history. Junior Freshman students take modules to the value of 50 credits in history, and the remaining 10 credits are taken in electives from other subjects. Senior Freshman students take modules worth 40 credits in history, with the remaining 20 credits taken from electives in classics, history of art and architecture, languages, sciences, and social sciences. In the final two years at Columbia, students are offered a range of more specialised modules in history, their curriculum balancing chronological periods and geographical regions. In addition, students must continue to take

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<sup>7</sup>Students are advised to consult the handbook for further examination and assessment information.

modules in other subjects, according to the requirements of Columbia University. During the Sophister years students will additionally take 60 credits of Trinity modules.

2 Overall the dual degree programme carries 300 ECTS credits. Each of the first two years of the course carries 60 credits. In the last two years of the course students must take the equivalent of another 60 credits in each year at Columbia and, across the two years, a total of an additional 60 credits of Trinity modules.

3 Students register with both institutions in all four years of the course. In the first two years students are bound by Trinity's regulations, policies and procedures and in the final two years by those applicable in Columbia. Trinity's regulations, policies and procedures will also apply to the additional modules required by Trinity (60 credits) in the final two years. Students are required to familiarise themselves with both institutions regulations.

4 Students at all levels must attend all the lectures and tutorial classes. In order to pass any history module, students at all levels must also complete all the prescribed exercises.

5 Trinity's progression regulations are applicable in the first two years of the programme. For modules to be recognised by Columbia towards its degree requirements, students must achieve a mark of at least 55 per cent in each module.

6 For the award of dual degrees, students must satisfy the regulations of both Columbia University and Trinity College. For Trinity's purposes, the award classification will be based on the grade point average achieved by students in the final two years in Columbia (equivalent to 120 credits) combined on a weighted basis with the marks achieved the additional modules (60 credits) required by Trinity on a two-thirds to one-third basis.

7 Assessed essays form a component of the examinations for students at Freshman and Sophister levels. Each essay for a Trinity module must conform to the requirements set out in the course handbook and must be submitted electronically 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. Columbia modules are regulated by Columbia University.

## **Junior Freshmen**

### *Modules*

- A 1 Doing history (5 credits)
- B Modules totalling forty-five credits 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 Elective modules totalling ten credits in other approved subjects, for which the course handbook provides further detail.

### *Assessment*

Assessment in the Junior Freshman year will comprise both examinations and assessed coursework. Examination will be by means of one 3-hour paper on each 10 credit history module and one 2-hour paper, or equivalent, on each 5 credit history module.

Modules are weighted according to their credit values.

## **Senior Freshmen**

### *Modules*

- A Modules totalling forty credits in:
  - 1 The history of modern Ireland
  - 2 The history of modern Europe
  - 3 American history
  - 4 Global or international history



- B Elective modules totalling 10 credits in other subjects, for which the course handbook provides further detail.

#### *Assessment*

Assessment in the Senior Freshman year will comprise both examinations and assessed coursework. Each 10 credit history module will include one three-hour examination as part of its overall assessment.

Trinity modules are weighted according to their credit values.

### **Sophister Years**

Students will take modules to the equivalent of 120 credits offered at Columbia University. They must complete elements of the 'Columbia core' in addition to meeting the requirements of the history major. The regulations of Columbia University will apply to the selection and grading of these modules. In addition, students will take a further 60 credits of Trinity modules across the final two years. The regulations of Trinity College will apply to the selection and grading of these modules. They will include an internship (10 credits) or a summer school (10 credits), two intensively taught modules (10 credits each) on specialised topics which will change annually, a general paper module (10 credits) and a dissertation/research project, jointly supervised by staff from Trinity and Columbia (20 credits), which will result in the production of a dissertation for Columbia and an extended assessment of relevant primary sources for Trinity.

Trinity modules are weighted according to their credit values.

### **MODERATORSHIP IN HISTORY AND POLITICAL SCIENCE**

1 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.

2 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.

3 The ECTS value of each year of the course is 60 credits.

4 Some options may not be available in a particular year.

### **Joint honors**

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.

### **Single honors**

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.

### **Junior Freshmen**

#### *Modules*

#### **A POLITICAL SCIENCE**

Students must take 30 credits in political science related modules, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

#### **B HISTORY**

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<sup>8</sup>*

The assessment will consist of the following elements:

#### 1 POLITICAL SCIENCE

Students will be assessed in each political science module as outlined in the module descriptions.

#### 2 HISTORY

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.

Students must attend all the lectures and tutorial classes. In order to pass any history module students must also complete all the prescribed exercises.

### **Senior Freshmen**

#### *Modules*

#### A POLITICAL SCIENCE

Students must take 30 credits in political science, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

#### B HISTORY

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*

The assessment will consist of the following elements:

#### 1 POLITICAL SCIENCE

Students will be assessed in each political science module as outlined in the module descriptions.

#### 2 HISTORY

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.

Students must attend all the lectures and tutorial classes. In order to pass any history module students must also complete all the prescribed exercises.

### **Junior Sophisters**

#### *Modules*

#### A POLITICAL SCIENCE

Students must take 30 credits in political science, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

#### B HISTORY

One module from list I (20 credits)

One module from list II (b) (10 credits)

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<sup>8</sup>Students are advised to consult the handbook for further examination and assessment information.

Note: Students intending to concentrate exclusively on political science in their Senior Sophister year must consult the programme handbook for programme requirements and module prerequisite information.

*Moderatorship examination, part I*

POLITICAL SCIENCE

Students will be assessed in each module as outlined in the module descriptions.

HISTORY

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.

Students must attend all the lectures and tutorial classes. In order to pass any history module students must also complete all the prescribed exercises.

**Senior Sophisters**

*Students taking both subjects equally*

*Modules*

A POLITICAL SCIENCE

Students must take 30 credits in political science, with an even distribution of credits over the two semesters, taking note of module options, programme requirements and module prerequisite information as outlined in the programme handbook.

B HISTORY

One module from list I (20 credits), not taken in the Junior Sophister year

One module from list II (b) (10 credits), not taken in the Junior Sophister year

*Moderatorship examination, part II*

POLITICAL SCIENCE

Students in political science will be assessed as outlined in the module descriptions.

HISTORY

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.

Students must attend all the lectures and tutorial classes. In order to pass any history module students must also complete all the prescribed exercises.

*Students taking history alone*

*Modules*

A One module from list I (20 credits), not taken in the Junior Sophister year

B Two modules from list II, 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*

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.

Students must attend all the lectures and tutorial classes. In order to pass any history module students must also complete all the prescribed exercises.

### *Students taking political science alone*

#### *Modules*

Students are required to take 60 credits, with an even distribution of credits over the two semesters, taking note of module prerequisites and programme requirements as outlined in the programme handbook.

#### *Moderatorship examination, part II*

Students will be assessed in the above as outlined in the module descriptions.  
All modules are weighted according to their credit values.

For lists I and II, see the programme handbook.

### *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 classical antiquity until the twenty-first century, the teaching covers various types of media, iconographical and stylistic issues, and different genres. 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 15 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 reassessment.

#### *Assessment*

4 The course is assessed by examination, which may include a *viva voce* examination, and course work, details of which are provided in the student handbook.

#### *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 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, in European studies and in Middle Eastern and European languages and cultures 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 XV 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 XIV 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 The examination held in the Junior Sophister year is part I of the moderatorship examination; the examination held in 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.

## *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*

3 Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in-class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). 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>9</sup>

Readings in Classical Modern Irish verse

Twentieth-century poetry

#### *Examination*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in-class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### **Junior and Senior Sophisters**

#### *Modules*

##### EARLY COMPONENT

##### *Junior Sophisters*

Introduction to Middle Irish

History of the language (Primitive Irish and Ogam)

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<sup>9</sup>Students may, with the permission of the head of department, take a Broad Curriculum module as a substitute for this module.

Texts<sup>10</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>11</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
- 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

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<sup>10</sup>These and texts B in the Senior Sophister year will be taken by Junior and Senior Sophisters together in alternate years.

<sup>11</sup>These and texts A in the Junior Sophister year will be taken by Junior and Senior Sophisters together in alternate years.

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 assessment*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in-class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

##### *Senior Sophister assessment*

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, in-class tests, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### *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. Applicants must present with at least one European language (other than English and Irish) in the Leaving Certificate (or equivalent). If candidates are presenting one language (other than English or Irish), they must attain a grade of H3 or higher. If candidates are presenting two or more languages, they must present at least one of French, German, Greek, Italian, Latin, Polish, Russian, Spanish, and they must attain at least the following grades: Leaving Certificate H3 if presenting French or German, H4 if presenting any other language. 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; 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>12</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.

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<sup>12</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.



4 In addition to language work, the Junior Freshman year consists of a foundation module in a social science 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 a social science.

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.

6 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*

#### **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 An introductory social science module
- 4 Introduction to the history of ideas

#### **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 social science module from those listed in the course handbook, subject to JF prerequisites, (students may choose a module from a social science for which they have completed the JF introductory module), or a history module from those listed in the course handbook.<sup>13</sup>

#### **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 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

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<sup>13</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.

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) Modules to the value of 20 ECTS from those listed under list 2 in the course handbook

#### *Moderatorship*

Moderatorship assessment is taken in the Senior Sophister year. 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. The module 'Modernity and society: ideas and culture in Europe since 1850' is examined by assessment of an independent research project. In calculating the moderatorship result all modules are weighted according to their credit values.

The ECTS credits are allocated as follows:

	ECTS
Languages:	
Major language	20
Minor language	10
Modernity and society: ideas and culture in Europe since 1850	10
In addition students can select one of the following two combinations:	20
One list 1 module	
Two list 2 modules	

### MODERATORSHIP IN EUROPEAN STUDIES (DUAL DEGREE PROGRAMME WITH COLUMBIA UNIVERSITY)

#### *Admission*

1 For E.U. students, the C.A.O. requirements for the standard European studies course apply. The submission of additional application materials is required and each applicant is interviewed. For non-E.U. students, minimum College requirements apply, plus applicants must submit additional application materials and undergo an interview.

#### *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.

3 Two languages are studied equally in each of the Freshman years (French, German, Italian, Polish, Russian and Spanish). 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, and a module in modern history. Students will take a further module, chosen from either history or social sciences.

4 The Sophister years allow students to define their own academic path at an advanced level within the disciplines of the course. This will be pursued by the choice of a 'major' subject of study at Columbia University.

5 The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Sophister years 60 credits at Trinity and the equivalent of 120 credits at Columbia University (64 Columbia credits).

6 Students register with both institutions in all four years of the course. In the first two years students are bound by Trinity's regulations, policies and procedures and in the final two years, by those applicable in Columbia. Trinity's regulations, policies and procedures will also apply to the additional modules (60 credits) required by Trinity in the final two years. Students are required to familiarise themselves with both institutions' regulations.

#### *Modules and assessment*

##### **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 Social science modules from those listed in the course handbook
- 4 Introduction to the history of ideas

Candidates are required to satisfy the examiners in each of the components listed above. Trinity's progression regulations are applicable in the Junior Freshman year of the programme. Students must achieve a minimum of 55 per cent in each module studied for this to be recognized for credit within their Columbia core programme.

##### **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) Social science modules from those listed in the course handbook
  - (b) History module(s) from those listed in the course handbook

Candidates are required to satisfy the examiners in each of the components listed above. Trinity's progression regulations are applicable in the Senior Freshman year of the programme. Students must achieve a minimum of 55 per cent in each module studied for this to be recognized for credit within their Columbia core programme.

## Sophister Years

The range of subjects to be studied in the Sophister years of study at Columbia depends on the student's selection of a 'major' subject of study (history, political science, Hispanic studies, French, German literature and cultural history, Italian, and Slavic studies). Students must also complete the requirements of the 'Columbia core' across the four years of their degree programme. This requires study of foreign languages, art humanities, music humanities, literature/ humanities, contemporary civilization/ social sciences, global studies, quantitative reasoning, science, and writing. Students must take any remaining elements of the 'Columbia core' not completed during their Freshman years at Trinity within their final two years at Columbia. Students must pass a minimum of the equivalent of 120 ECTS during their Sophister years at Columbia to complete the requirements of the 'Columbia core' and to complete the requirements of their 'major' subject of study.

Students must also complete 60 credits at Trinity following their Senior Freshman years.

- (a) Approved programme of study in and through a modern European language.
- (b) An approved internship in a context relevant to the academic disciplines of the programme.
- (c) A capstone project based upon independent research and writing.

### *Moderatorship*

Columbia degrees in the major subject of study are calculated with a grade point average (GPA) on the modules taken in the third and fourth year on 64 Columbia credits (equivalent of 120 ECTS). A degree at Trinity will be awarded based on the conversion of this GPA. The Trinity degree calculation will add the Trinity Sophister elements of study (60 ECTS) alongside the conversion to Trinity marking scales of the Columbia (GPA) on a one-third to two-thirds basis respectively.

## MODERATORSHIP IN MIDDLE EASTERN AND EUROPEAN LANGUAGES AND CULTURES

### *Admission*

1 Students entering this course will study one language from French, German, Italian, Polish, Russian and Spanish from year one, and one language from Arabic, Hebrew and Turkish starting in year two. Arabic, Hebrew, Italian, Polish, Russian and Turkish are available from beginner level. Applicants must present with at least one European language (other than English and Irish) in the Leaving Certificate (or equivalent). If candidates are presenting one language (other than English or Irish), they must attain a grade of H3 or higher. If candidates are presenting two or more languages, they must attain at least the following grades: H4-H5 in two of French, German, Greek, Italian, Latin, Polish, Russian, Spanish, Arabic, Hebrew studies; H3 if presenting French or German; and H4 if presenting another language.

For advanced GCE (A-Level), applicants must present with Grade B in one language other than English or Irish, or Grade C in two languages other than English or Irish (as listed above).

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 Middle Eastern and European Languages and Cultures is an interdisciplinary course with three related aims: to give students practical mastery of one European language and one Middle Eastern language; to engage with the cultures and societies of their areas of language study; to engage critically with, and contribute to, current discussions about the cultures, history and religious affairs of the Middle East and their relationship with European societies as well as Europe's millennia-long history of engagement with this region. A year's study at a university abroad is a compulsory part of the course.

3 The study of the European language starts in the Junior Freshman year and the Middle Eastern language in the Senior Freshman year. Language teaching is related to the needs and subject matter of the course as a whole.

4 In addition to language study, the Freshman years include foundation modules in the relevant area studies, the study of the Middle East and the study of the interaction between the Middle East and Europe.

5 In the Sophister years students will deepen their understanding and engagement with their chosen languages and will spend the third year abroad, either in Europe or in the Middle East. The Senior Sophister year allows students to define their own academic pathway. In addition to language study of their European choice of language and (where the student chooses) of their Middle Eastern choice of language, students may select from a wide range of modules offered. A dissertation of 10,000 words is compulsory.

6 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**

In the Junior Freshman year, modules totalling 60 ECTS credits are distributed in the following way: 20 credits for the European language, 20 credits for modules offered by the Department of Near and Middle Eastern Studies, 10 credits for a European studies module, and 10 credits for the module on cultural encounters between the Middle East and Europe.

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### **Senior Freshmen**

In the Senior Freshman year, modules totalling 60 ECTS credits are distributed in the following way: 20 credits for the European language, 10 credits for the Middle Eastern language, 10 credits for non-language modules offered by the Department of Near and Middle Eastern Studies, 10 credits for the module on cultural encounters between the Middle East and Europe, 5 credits for a European studies module, and 5 credits for a Broad Curriculum module.

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values.

### **Junior Sophister**

The Junior Sophister year is spent abroad either in a university in Europe or in the Middle East. Modules are taken from a prescribed range of options at an exchange university in the country of one of the student's languages. Students must comply with the assessment requirements at the foreign university to the satisfaction of the home examiners. 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. Students will normally be required to achieve a 2.1 in their chosen Middle Eastern language and a 2.1 overall in their Senior Freshman examinations to be permitted to attend a Middle Eastern university. Students who do not achieve such results will be directed towards suitable European institutions for their year abroad.

## Senior Sophister

### *Moderatorship*

Moderatorship is taken in the Senior Sophister year. An element of these papers may consist of assessed work completed prior to the examination. In some modules, submitted course work counts for a proportion of the moderatorship mark. In calculating the moderatorship result all modules are weighted according to their credit values.

Students write a dissertation of 10,000 words (20 credits). Students continue their chosen European language (10 credits) and a topic in area studies related to that language (10 credits).

Students may continue their chosen Middle Eastern language at either advanced or intermediate level (10 credits) depending on their year abroad programme. If they choose not to continue their Middle Eastern language, they can take two Broad Curriculum modules and one Senior Sophister area studies module offered by the Department of Near and Middle Eastern Studies, or two area studies modules offered by the Department of Near and Middle Eastern Studies (10 credits each) if they do not take the Broad Curriculum modules.

### MODERATORSHIP IN MIDDLE EASTERN AND EUROPEAN LANGUAGES AND CULTURES (DUAL B.A. DEGREE PROGRAMME WITH COLUMBIA UNIVERSITY)

#### *Admission*

1 For E.U. students, the C.A.O. requirements for the standard Middle Eastern and European Languages and Cultures course apply. Additional application materials are required and each applicant is interviewed. Students entering this course will study one language from French, German, Italian, Polish, Russian and Spanish from year one, and one language from Arabic, Hebrew and Turkish starting in year two. Arabic, Hebrew, Italian, Polish, Russian and Turkish are available from beginner level. For further details contact the Academic Registry, Trinity College Dublin, Dublin 2, before 1 February of the proposed year of entry.

#### *Aim of course and subjects of study*

2 The dual degree programme combines the course in Middle Eastern and European Languages and Cultures with the liberal arts programme offered by the School of General Studies at Columbia University. The dual degree in Middle Eastern and European Languages and Cultures is an interdisciplinary course with three related aims: to give students practical mastery of one European language and one Middle Eastern language; to engage with the cultures and societies of their areas of language study; to engage critically with, and contribute to, discussions about the cultures, history and religious affairs of the Middle East and their relationship with European societies as well as Europe's millennia-long history of engagement with this region. The dual degree programme enables students to strengthen areas of interest developed in the first two years by providing extensive module choices across the related disciplines in years three and four while improving students' language skills and offering access to further educational resources.

3 The study of the European language starts in the Junior Freshman year and the Middle Eastern language in the Senior Freshman year. Language teaching is related to the needs and subject matter of the course as a whole.

4 In addition to language study, the Freshman years include foundation modules in the relevant area studies, the study of the Middle East and the study of the interaction between the Middle East and Europe.

5 To meet Columbia's degree requirements, students must attain a minimum of 55 per cent in each module taken at Freshman level in order for these to count as credit towards the Columbia core.

6 In the Sophister years students will deepen their understanding and engagement with their chosen languages by taking an intensive course during the summer between years two and three and will continue the study of one or two languages in years three and four.

7 Students in the dual degree course will have the possibility of declaring a major at Columbia in any one of the following programmes: i. Middle Eastern studies; ii. Religion (with a focus on Jewish and Islamic studies); and iii. History (European and Middle Eastern).

8 Students will have the opportunity to undertake an internship in the summer between years three and four.

9 The Senior Sophister year allows students to develop their research skills by writing a 10,000-12,000-word dissertation/project supervised by a staff member from both institutions.

10 Students who have passed the third year may have the ordinary degree of B.A. conferred if they do not choose to proceed to the final year. Except by special permission of the University Council, on the recommendation of the court of examiners, the ordinary degree of B.A. may normally be conferred only on candidates who have spent at least three years in the University.

11 The ECTS value of each year of the course is as follows: Junior Freshman 60 credits; Senior Freshman 60 credits; Junior Sophister and Senior Sophister 60 credits from Trinity as well as a minimum of 64 credits from Columbia.

### *Modules and examinations*

#### **Junior Freshmen**

In the Junior Freshman year, modules totalling 60 ECTS credits are distributed in the following way: 20 credits for the European language, 20 credits for the modules offered by the Discipline of Near and Middle Eastern Studies, 10 credits for a European studies module, and 10 credits for the module on cultural encounters between the Middle East and Europe.

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values. 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 year 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). Students, in the Junior Freshman year, who do not pass, either outright or by compensation, must be reassessed 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 reassessment period.

#### **Senior Freshmen**

In the Senior Freshman year, modules totalling 60 ECTS credits are distributed in the following way: 20 credits for the European language, 10 credits for the Middle Eastern language, 10 credits for non-language modules offered by the Discipline of Near and Middle Eastern Studies, 10 credits for the module on cultural encounters between the Middle East and Europe, 5 credits for a European studies module and 5 credits for a Broad Curriculum module.

Students submit essays, practical projects and other course work. Full details of assessment requirements are available in module outlines. All modules have some element of continuous assessment, based on class presentations, ongoing engagement, projects and written submissions. Language modules may include examinations (written, oral and/or aural). Modules are weighted according to their credit values. 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 50 credits and achieve a minimum mark of 35 per cent in any failed module(s). Students, in the Senior Freshman year, who do not pass, either outright or by compensation, must be reassessed 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 reassessment period.

## **Sophister Years**

In years three and four, students take a minimum of 64 credits at Columbia and 60 credits at Trinity. Trinity credits are gained by an intensive language course in the summer between years two and three (30 credits); an internship in the summer between years three and four with a report/essay (10 credits); and a dissertation/project of 10,000-12,000 words (20 credits).

### *Moderatorship*

Moderatorship is calculated based on the conversion of Columbia's results and weighted inclusion of Trinity elements of the programme at the end of the Senior Sophister year. In calculating the moderatorship result all modules are weighted according to their credit values.

## **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 Law 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 choose from groups of modules. In the Sophister years, students must complete a substantial piece of independent research, either through the Senior Sophister research project module, or as part of a study abroad programme, in the manner prescribed by the School of Law in its LL.B. handbook. 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 a number of modules, with different groupings available for Junior and Senior Sophisters. The research dissertation module listed below 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 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)	Food law (10 credits)
Clinical legal education (10 credits)	Information technology law (10 credits)
Collective labour law (10 credits)	Insolvency law (5 credits)
Commercial law (10 credits)	Intellectual property law (10 credits)
Company law (10 credits)	International human rights law (10 credits)
Conflict of laws (10 credits)	International trade law (5 credits)
Corporate governance (5 credits)	Jurisprudence (10 credits)
Criminology (10 credits)	Legal philosophy (5 credits)
Critical perspectives on law (5 credits)	Media law (10 credits)
Economic and legal aspects of competition policy (10 credits)	Medical law and ethics (10 credits)
Employment law (10 credits)	Penology (5 credits)
English land law (10 credits)	Public interest law (10 credits)
Environmental law (10 credits)	Public international law (10 credits)
Equality law (10 credits)	Refugee law (10 credits)
European human rights law (10 credits)	Research project (10 credits)
Evidence (10 credits)	Tax law (10 credits)
Family law (10 credits)	Broad Curriculum (5 credits)
Financial services law (10 credits)	Comparative law dissertation for students studying abroad in the JS year (5 credits)

The school will determine in which group a module is placed and 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.

### *Examinations and assessment*

4 In the Junior Freshman, Senior Freshman, Junior Sophister and Senior Sophister years, there are three examination sessions: two end-of-semester sessions and a reassessment session. Students are, in the first instance, required to present for examination at the end-of-semester sessions for their class. 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.

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, assessment of modules may take a variety of forms, as set out in the LL.B. handbook.

### *Senior Freshman*

In the Senior Freshman year, assessment of modules may take a variety of forms, as set out in the LL.B. handbook.

### *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. Assessment of modules may take a variety of forms, as set out in the LL.B. handbook. Each module carries its credit weighting in determining the overall mark for the year.

## 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. In the Sophister years, students must complete a substantial piece of independent research.

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 textual analysis (5 credits)
- German area studies (5 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.

### **Senior Sophisters**

Students will be required to study optional modules in law 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 the groupings of modules available to Sophister students of the LL.B. degree, in the manner prescribed in the module selection process and subject to the same provisions of the *Calendar* that apply to those modules, as well as any modules offered to Freshman students, with the exception of legislation and regulation, of the LL.B. degree not already studied.

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. 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 three examination sessions: one at the end of each semester and a reassessment session. Students are, in the first instance, required to present for the end-of-semester examinations for their class.

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 pass outright modules totalling 60 credits and achieve a minimum mark of 35 per cent in the failed module(s). Students who do not pass at the end-of-semester examination sessions, either outright or by compensation, must be reassessed 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 reassessment period.

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 pass outright modules totalling 55 credits and achieve a minimum mark of 35 per cent in the failed module(s). Students who do not pass at the end-of-semester examination sessions, either outright or by compensation, must be reassessed 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 reassessment period.

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. A student who fails to pass this year will be required to repeat any failed modules through modules deemed academically equivalent offered in Trinity College. The court of examiners may direct the student to take certain compulsory law modules.

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 50 credits and achieve a minimum mark of 35 per cent in the failed module(s). Students who do not pass at the end-of-semester examination sessions, either outright or by compensation, must be reassessed 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 reassessment period.

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, examination and assessment of the Law, German language, German area studies and German law modules may comprise course work, written, aural and oral examinations. Details are contained in the module outlines. The mark for the year is the overall credit-weighted average mark.

#### *Senior Freshman*

In the Senior Freshman year, examination and assessment of the Law, German language, German cultural history and German law modules may comprise course work, written, aural and oral examinations. Details are contained in the module outlines. Subject to prior approval, an examiner may award marks for a module in respect of class work.

#### *Junior and Senior Sophister*

The LL.B. (Ling. Germ.) degree examination comprises examinations in the Junior Sophister year (part I) and at the end-of-semester examination sessions 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 in the Senior Sophister year. Part II comprises assessment in each of the optional law modules studied in that year, combined with assessment of modules in German language and law. Examination and assessment may comprise course work, written, aural and oral examinations. Details are provided in the module outlines. Subject to prior approval, an examiner may award marks for a module in respect of class work.

#### *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 will be required to study specific modules essential to their new course.

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.

#### *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. In the Sophister years, students must complete a substantial piece of independent research.

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
- Law of contract
- Constitutional law I
- Criminal law
- French law
- French language

#### **Senior Freshmen**

- Law of tort
- Land law
- Equity
- Private law remedies
- French law
- French language

#### **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 any failed modules through modules deemed academically equivalent offered 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 either of the two groupings of modules available to Sophister students of the LL.B. degree, with a limited scope to combine modules across the two groupings and subject to the same provisions of the *Calendar* that apply to those modules, as well as any modules offered to Freshman students, with the exception of legislation and regulation, 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. 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 three examination sessions: one at the end of each semester and a reassessment session. Students are, in the first instance, required to present for examination at the end-of-semester sessions for their class. 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.

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*

Assessment of modules may comprise a combination of methods: details of assessment methods and weightings are provided in the course handbook.

### *Senior Freshman*

Assessment of modules may comprise a combination of methods: details of assessment methods and weightings are provided 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 end-of-semester examination sessions 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 in the Senior Sophister year. Part II comprises assessment of each of the optional modules studied in that year, combined with assessment of the French report writing module. Details are provided in the course handbook. Subject to prior approval, an examiner may award marks for a module in respect of class work. All modules are weighted according to their credit values.

### *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 will be required to study specific modules essential to their new 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.

### *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 Sophister years, students must complete a substantial piece of independent research. 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**

- EC1040 Introduction to economic policy (10 credits)
- BU1511 Fundamentals of management and organisation (10 credits)
- BU1530 Quantitative methods for business (10 credits)

FR1040	Language – French (10 credits)
GR1004	Language – German (10 credits)
PLF100	Language – Polish (10 credits)
RUF100	Language – Russian (10 credits)
SP1018	Language – Spanish (10 credits)
RUF603	Introduction to Central, East European and Russian area studies (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, BU1511, and either BU1530, one of FR1040-RUF100 or RUF603. Students may take a language module in the Junior Freshman year only.

### Senior Freshmen

#### *Modules*

#### PREREQUISITES

#### BUSINESS

Students are required to take the following modules:

BU2510	Organisational behaviour (5 credits)	BU1511
BU2520	Principles of marketing (5 credits)	BU1511
BU2530	Introduction to accounting (5 credits)	BU1511
BU2550	Introduction to finance (5 credits)	BU1511
BU2560	Introduction to operations management (5 credits)	BU1511
BU2570	Creative thinking, innovation and entrepreneurial action (5 credits)	BU1511

#### 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 as above.

### 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.

### Junior Sophisters

#### *Modules*

#### BUSINESS

BU3520	Management accounting for business decisions (10 credits)
BU3530	Financial accounting (10 credits)



- BU3571 Human resource management (5 credits)
- BU3591 Business in society (5 credits) (includes independent project or dissertation)
- BU3601 Innovation, entrepreneurship and business modelling (5 credits)
- BU3620 Introduction to fixed income securities and business modelling (5 credits)
- BU3631 Corporate finance and equity valuation (5 credits)
- BU3640 Services management (5 credits) (includes independent project or dissertation)
- BU3650 Digital technology in operations (5 credits) (includes independent project or dissertation)
- BU3660 Organisation theory and organisational analysis (5 credits)
- BU3680 Investment (5 credits) (includes independent project or dissertation)
- BU3690 Social entrepreneurship (5 credits) (includes independent project or dissertation)
- BU3700 Contemporary marketing management (5 credits) (includes independent project or dissertation)
- BU3710 Consumer behaviour (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), with the exception of legislation and regulation and private law remedies, from the relevant grouping listed in the LL.B. (Bachelor in Laws) entry above. 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 organisational experiences (15 credits) (includes independent project or dissertation)
- BU4530 Financial reporting and analysis (15 credits) (includes independent project or dissertation)
- BU4550 Advances in marketing theory and practice (15 credits)
- BU4580 Managing new product development (15 credits) (includes independent project or dissertation)
- BU4621 Social innovation and social impact (15 credits) (includes independent project or dissertation)
- BU4630 Economic policy and business history (15 credits) (includes independent project or dissertation)
- BU4640 Derivatives and international finance (15 credits) (prerequisite BU2550) (includes independent project or dissertation)

## LAW

Students must choose modules from the selection of Sophister modules or Freshman modules (not already studied), with the exception of legislation and regulation and private law remedies, in the relevant grouping 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, Junior Sophister and Senior Sophister years, there are three examination sessions: one at the end of each semester and a reassessment session. Students are, in the first instance, required to present for examination at the end-of-semester sessions for their class. 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.

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 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.

#### *Junior Freshman*

In the Junior Freshman year, assessment of modules may take a variety of forms, as set out in the course handbook.

#### *Senior Freshman*

In the Senior Freshman year, assessment of modules may take a variety of forms, as set out 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. Assessment of modules may take a variety of forms, as set out in the course handbook.

Each module carries its credit weighting in determining the overall mark for the year.

#### *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. In the Sophister years, students complete a substantial piece of independent research.

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.

#### *Modules and examinations*

### **Junior Freshmen**

#### **POLITICAL SCIENCE**

- 1 Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

#### **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 60 credits – the 30 law credits and the 30 political science credits.

#### *Examinations and assessment*

#### **POLITICAL SCIENCE**

Students will be assessed as outlined in the module descriptions.

#### **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.

### **Senior Freshmen**

#### **POLITICAL SCIENCE**

- 1 Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options. Students may replace one Senior Freshman political science module (10 credits) with two modules (5 credits each) from the Broad Curriculum and language options. Students should note the module prerequisites as outlined in the programme handbook.

#### **LAW**

- 2
  - (a) LA1016 Constitutional law I (10 credits)
  - (b) LA1203 Criminal law (10 credits)
  - (c) LA2020 Land law (10 credits)

### **Junior Sophisters**

Students must take modules to the value of 60 credits, 30 from each subject. Modules on offer may vary from year to year.

#### **POLITICAL SCIENCE**

Students must take 30 credits, with an even distribution of credits across the two semesters, and take note of the module options, programme requirements and module prerequisites as outlined in the programme handbook.

#### **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), with the exception of

legislation and regulation and private law remedies, from the relevant grouping 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.

## **Senior Sophisters**

Students are required to take 60 credits in their Senior Sophister year.

*Students taking both subjects equally in the Senior Sophister year* must take modules and assessments to the value of 60 credits, 30 from each subject. Students must take an even distribution of credits over the two semesters, taking note of the module options, programme requirements, and module prerequisites as outlined in the programme handbook.

*Students concentrating exclusively on political science in the Senior Sophister year* must take 60 credits in political science, with an even distribution of credits across the two semesters, and must take note of the programme and module requirements as outlined in the programme handbook.

*Students concentrating exclusively on law in the Senior Sophister year* 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 taking a combination of modules from both subjects in the Senior Sophister year* may continue to take combinations of both subjects ensuring a total credit load of 60 credits, spread evenly across the two semesters. Students must take note of the module options, programme requirements, and module prerequisites as outlined in the programme handbook.

### *Examinations and assessment*

In the Junior Freshman, Senior Freshman, Junior Sophister and Senior Sophister years, there are three examination sessions: one at the end of each semester and a reassessment session. Students may be required to present for examination at the end-of-semester sessions for their class. Students will be assessed as outlined in the module descriptions for each subject. 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.

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 examination conventions are determined by the law and political science 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.

### *Junior Freshman*

In the Junior Freshman year, assessment of modules may take a variety of forms, as set out in the course handbook.

### *Senior Freshman*

In the Senior Freshman year, assessment of modules may take a variety of forms, as set out 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. Assessment of modules may take a variety of forms, as set out in the course handbook.

Each module carries its credit weighting in determining the overall mark for the year.

### *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.

### *Transfer within year*

22 A student may apply to transfer to the single honors LL.B. course by the Friday of the seventh week of Michaelmas teaching term.

## **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, 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 XIV below), modules in theoretical and applied linguistics, and language and linguistic modules within the College's Broad Curriculum scheme.<sup>14</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>15</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 Students in clinical speech and language studies are required to undergo vetting by the Garda Síochána, through the [National Vetting Bureau](#), or other relevant police force. If, as a result of the outcome of these vetting procedures, a student is deemed unsuitable to attend

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<sup>14</sup>See GENERAL REGULATIONS AND INFORMATION, section I.

<sup>15</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

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 the relevant school office.

### *Health screening and vaccination*

3 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 students to patients, all new entrants to the Department of Clinical Speech and Language Studies must attend a registered general practitioner or the College Health Service and submit the completed required health screening and vaccination documents to the department prior to the first Friday in October 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. Complete details of the vaccination programmes and the blood borne viruses (BBV) policy must be adhered to and are communicated to applicants as part of the admissions process (in the health screening and vaccination information booklet) and are available from the school office and website. Students will be also be advised to seek vaccination against influenza each year for the duration of their course of studies. Students who fail to complete the above requirements will be made withdrawn from their course of study and a re-admission fee may apply.

In the rare circumstances where during their studies a student acquires a BBV infection, the school will consider reasonable accommodations in accordance with statutory requirements. Details of the management of students who become infected with a BBV during their course are outlined in the BBV policy. 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 their school office and consult a registered general practitioner or the College Health Service 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.

Advice for applicants who test positive for a BBV 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 continue with their course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply. 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 University will only admit and retain students that it can reasonably accommodate who are positive with a BBV at any one time. If the University 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.

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 Department of Clinical Speech and Language Studies 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 health screening and vaccination must be met by the student.

### *Students with disabilities*

4 Students with disabilities 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*

5 The School of Linguistic, Speech and Communication Sciences is responsible for preparing future professionals who will work in areas requiring serious responsibilities and trust. The undergraduate programme includes clinical 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, who therefore, could cause harm to themselves or to others in such situations are required to disclose such reasons to the head of discipline 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*

6 Students who proceed to the Senior Sophister year but subsequently are unsuccessful in that year, may nevertheless be allowed the ordinary B.A. degree based on successful completion of the Junior Sophister year, 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 normally 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*

7 Throughout the undergraduate curriculum, component subjects in each year are addressed under two headings: (i) theory and (ii) clinical practice. Emphasis is placed on the study of basic sciences, psychology, linguistics, in addition to aspects of speech, language and communication impairment, swallowing disorders and 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 and elsewhere in Ireland. Students may be assigned to any such clinic in order to fulfil their clinical requirements.

### *Academic progress and assessment*

8 The calculation of the degree award will be based on marks achieved in the final two years of the programme (Junior Sophister and Senior Sophister) on a 30/70 basis, for students first registering in the academic year 2018-19. Reassessment is available in all years. Students are permitted to repeat all years. Students should 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. The maximum number of years to complete the undergraduate degree is six years.

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.

9 Professional ethics and standards of conduct in relation to clinical practice must be observed throughout the course. Students are instructed on professional matters and regulations, 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 discipline, 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).

10 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 or across modules is not permitted. In order to rise with their class, students must obtain credit for the academic year by satisfactory attendance at lectures and tutorials, and by carrying out, submitting and sitting the required assessment components. In addition, students must pass the year by achieving a pass mark in each module and by accumulating 60 credits.

11 There are examination sessions at the end of semester one (Michaelmas term) and following the end of semester two (held 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. There is one reassessment session which is held at the beginning of Michaelmas term.

Students who are unsuccessful in their examinations may be required to resubmit continuous assessment or project work, to sit a formal reassessment paper, or to be re-assessed in clinical practice, as appropriate.

#### *Modules and assessment*

### **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 language acquisition (5 credits)  
Speech, hearing and swallowing (5 credits)  
Social psychology and lifespan development (5 credits)  
Foundation clinical studies (10 credits)

Foundation clinical studies will include visits to healthcare, educational and community settings.

#### *Examination and assessment*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take written examinations in the following:

Anatomy  
Physiology allied health  
Introduction to syntax  
Social psychology and lifespan development

### **Senior Freshmen**

#### *Modules*

Nature of speech, voice, fluency and swallowing disorders (5 credits)  
Assessment of speech, voice, fluency and swallowing disorders (10 credits)  
Nature of language and communication disorders (5 credits)  
Assessment of language and communication disorders (10 credits)  
Linguistics (5 credits)  
Phonetics and phonology (5 credits)  
Cognitive and neuropsychology (5 credits)  
Practice education 1 (10 credits)  
Ethics and professional studies (5 credits)



### *Examination and assessment*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take written examinations in the following:

- Assessment of speech, voice, fluency and swallowing disorders
- Assessment of language and communication disorders
- Linguistics
- Cognitive and neuropsychology

### **Junior Sophisters**

#### *Modules*

- Intervention for speech, voice, fluency and swallowing disorders (10 credits)
- Intervention for language and communication disorders (10 credits)
- Evidence based practice (5 credits)
- Discourse analysis (5 credits)
- Dynamics of discourse (5 credits)
- Neurology and psychiatry (5 credits)
- Research design (5 credits)
- Research methods and statistics (5 credits)
- Practice education 2 (10 credits)

#### *Examination and assessment*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take written examinations in the following:

- Intervention for speech, voice, fluency and swallowing disorders
- Intervention for language and communication disorders
- Psychiatry
- Research methods and statistics
- Evidence based practice

### **Senior Sophisters**

#### *Modules*

- Advanced studies in communication and swallowing (5 credits)
- Advanced studies in communication, disability and society (5 credits)
- Research project (20 credits)
- Practice education 3 (10 credits)
- Practice education 4 (10 credits)
- Counselling principles and practice (5 credits)
- Reflective studies (5 credits)

#### *Examination and assessment*

Assessment is through a combination of course work, practical assignment and examination. Modules are weighted according to their credit values. Students take written examinations in the following:

- Advanced studies in communication and swallowing
- Reflective studies

There is no compensation within or across modules. Students are required to pass all assessment components and all examinations for all modules. Additionally, students are assessed on an independent research project and are required to submit evidence of the relevant ethics committee's approval with their dissertation in order to pass the module.

*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. Students must submit certified clinical practice hours within a week of completion of their placement, in accordance with the regulations of the department.

## *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. To specialise in Irish Sign Language (ISL)/English interpreting, students must achieve a minimum average mark of 60 per cent and no mark lower than 50 per cent in their Senior Freshman results for the modules 'Irish Sign Language 3', 'Irish Sign Language 4' and 'translation and interpreting: philosophy and practice'. To specialise in Irish Sign Language (ISL) teaching, students must achieve a minimum average mark of 60 per cent and no mark lower than 50 per cent in their results for the modules 'Irish Sign Language 3' and 'Irish Sign Language 4'.

3 Current holders of the College's undergraduate diplomas in Deaf studies, ISL/English interpreting, or ISL teaching, awarded prior to 2011, who have also achieved an overall grade of second class (second division) or higher, may be considered for entry to the Sophister years of the degree at the discretion of the course committee.

#### *Garda/police vetting*

4 Students in Deaf studies are required to undergo vetting by the Garda Síochána, through the [National Vetting Bureau](#), or other relevant police force. 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. Further details and procedures are available from the Academic Registry and from the relevant school office.

#### *Students with disabilities*

5 Students with disabilities 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*

6 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 discipline 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*

7 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*

8 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.

9 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 course co-ordinator, on the recommendation of the CDS placement co-ordinator and 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).

10 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.

11 All students must present for examinations during the assessment sessions at the end of Michaelmas term and in Trinity term. Students who are unsuccessful at these examinations will be required to present for reassessment at the beginning of Michaelmas term.

12 If a student has achieved both fail and qualified pass grades at the first sitting or has exceeded the 10 credit limit allowed for compensation and is not permitted to rise with their year, they must present for reassessment in all failed components of all modules for which they obtained a qualified pass and/or fail. Students who are required to repeat tasks that were originally assessed as part of a group will in such instances be set individual tasks. Students who are unsuccessful in a practical placement may be permitted to sit a supplemental practical assessment.

13 Students who fail to satisfy the requirements of their year at the reassessment session are permitted to repeat the year.

#### *Course modules*

14 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 Translation and interpreting: philosophy and practice (10 credits)
- 4 Introduction to sign linguistics (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 Introduction to interpreting (10 credits)
- 5 Research methods (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 Research methods (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 Simultaneous interpreting 1 (10 credits)
- 3 Simultaneous interpreting 2 (10 credits)
- 4 Research project (10 credits)

*Practical placement:* Students are assessed on placements (20 credits).

#### ISL TEACHING STRAND

- 1 Irish Sign Language 7 (ISL 7) (10 credits)
- 2 Teaching methods (10 credits)
- 3 Methods of assessment (10 credits)
- 4 Research project (10 credits)

*Practical placement:* Students are assessed on placements (20 credits).

### X SCHOOL OF PSYCHOLOGY

#### MODERATORSHIP IN PSYCHOLOGY<sup>16</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.

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#### *Modules*

#### **Junior Freshmen**

- Foundations in psychology (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 among the following: fundamentals of neuroscience and behaviour; evolutionary psychology; thinking; perception; social psychology; psychological disorder; brain, cognition and language. Foundation modules not taken in the Junior Freshman year will be 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.

#### **Senior Freshmen**

- Statistics and methodology (10 credits)
- Research skills and methodology (10 credits)

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<sup>16</sup>For details of psychology in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

Foundational texts in psychology (5 credits)

Personal and career development (5 credits)

Five foundation modules (5 credits each) from among the following: fundamentals of neuroscience and behaviour; evolutionary psychology; developmental psychology; thinking; perception; social psychology; 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>17</sup> from: preclinical and clinical models of neuropsychiatric and neurological disorders; neurological rehabilitation; the brain through the life course; the theory and application of behaviour analysis; the psychology of criminal behaviour; child development in changing family contexts; applied issues in developmental psychology; human reasoning; creative cognition; development of perception throughout the lifespan; health psychology; perceptual neuroscience; moral development in childhood; the psychology of language; organisational psychology; qualitative research in psychology; child health and well-being; child and adolescent clinical psychology; making sense of action; 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: preclinical and clinical models of neuropsychiatric and neurological disorders; neurological rehabilitation; the brain through the life course; the theory and application of behaviour analysis; the psychology of criminal behaviour; child development in changing family contexts; applied issues in developmental psychology; human reasoning; creative cognition; development of perception throughout the lifespan; health psychology; perceptual neuroscience; moral development in childhood; the psychology of language; organisational psychology; qualitative research in psychology; child health and well-being; child and adolescent clinical psychology; making sense of action; human factors and organisational factors; social neuroscience; psychology and global health.

### **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 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

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<sup>17</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.

satisfactory practical reports whenever required. Marks from practical work will be taken into account in the assessment of students' progress. Students must also satisfactorily complete and pass any exercises set in conjunction with particular modules, in accordance with the regulations of the school, and sit and pass prescribed examinations.

4 Single honor examinations are held during the examination periods at the end of each semester, except where advised in the School of Psychology undergraduate student handbook.

5 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. Guidelines on passing by compensation are detailed in the student handbook.

6 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 either examinations or complete continuous assessment assignments for each foundation module 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 reassessment 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 either examinations or complete continuous assessment assignments for each foundation module read in their Senior Freshman year. Work in statistics and methodology, research skills and methodology, foundational texts in psychology 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 reassessment 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 2½-3 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 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. Candidates may also be required to complete continuous assessment work for each of the other optional modules read. 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 2½-3 hours in 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 the advanced academic skills and theoretical issues modules and marks from such assessments will contribute to the overall mark for the course. Candidates may also be required to complete continuous assessment work for each of the other optional modules read. 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 SCHOOL OF RELIGION*

### **MODERATORSHIP IN WORLD RELIGIONS AND THEOLOGY<sup>18</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.

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: World religions (5 credits)  
B: Approaches to the study of religion (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 Religions in history  
A: Religions in the ancient Mediterranean (5 credits)  
B: The Qur'an and its history of reception (5 credits)
- 5 Religion in public  
A: Great speeches (5 credits)  
B: Great images (5 credits)
- 6 Introductions to philosophy and to key disputes  
A: Introduction to philosophy (5 credits)  
B: Great controversies in the histories of monotheism (5 credits)

##### *Academic progress and assessment*

Modules shall be assessed by oral or written 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.

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<sup>18</sup>For details of world religions and theology in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.



## 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 single honors 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 single honors and TSM students.

Rotation beginning 2018-19 academic year subject to availability of staff:

- 1 Hebrew Bible  
A: Literary and historical approaches to the Torah/Pentateuch  
B: From Joshua to the exile: the rise and fall of Israel and Judah
- 2 New Testament  
A: Paul and the development of early Christianity  
B: Pauline letters in context
- 3 The development of Christian thinking and practice  
A: The making of Catholic theology: the medieval period  
B: Christianity in the cultures of late antiquity
- 4 Systematic theology  
A: Philosophical and theological approaches to God  
B: Theological cosmology and anthropology
- 5 Ethics  
A: Ethics in sport and media  
B: Contemporary ethical issues
- 6 Religious studies  
A: Classical thinkers on religion  
B: World Christianities: Africa and Asia
- 7 World religions - Islam  
A: A survey of Islamic theology, mysticism and philosophy from its origins to the modern period  
B: Classical Islamic religious thought in dialogue with philosophical, Jewish and Christian sources
- 8 Language offerings  
Introduction to Koine Greek (Senior Freshman)  
Introduction to Arabic  
Introduction to Classical Hebrew (Senior Freshman) (taught by the Department of Near and Middle Eastern Studies)  
Intermediate Koine Greek (Junior Sophister)  
Intermediate Arabic  
Intermediate Classical Hebrew (Junior Sophister) (taught by the Department of Near and Middle Eastern Studies)
- 9 Broad Curriculum module and one of the modules listed under 1-6

### *Academic progress and assessment*

Modules shall be assessed by oral or written 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.

## 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:

Sects and Sages: Dead Sea Scrolls

Friendship in the New Testament and in early Christianity

The sensory sacred: aesthetic and material approaches to religion

Justice and mercy as attributes of God

Ethics and politics

Theological ethics and ecology

Religions, gender and human rights

Islamic political ethics from the Classical to the Modern Period

Religion and multiple modernities

Autonomy and disability, diversity and perfection

Advanced Greek texts

Advanced Arabic (Near and Middle Eastern Studies)

Advanced Hebrew (Near and Middle Eastern Studies)

### *Examination and assessment*

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.

### MODERATORSHIP IN CATHOLIC THEOLOGICAL STUDIES<sup>19</sup>

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 semester examinations in accordance with the relevant rubrics and regulations.

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.

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<sup>19</sup>Catholic theological studies ceased to admit students to the Junior Freshman year with effect from 2018-19.

## Senior Freshmen

### *Modules*

- 1 The making of Catholic theology: the medieval period (5 credits)
- 2 Theology in Reformation and Counter Reformation (5 credits)
- 3 Literary and historical approaches to Torah/Pentateuch (5 credits)
- 4 From Joshua to the exile: the rise and fall of Israel and Judah (5 credits)
- 5 Literary and historical approaches to the Gospels (5 credits)
- 6 End of the world: 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 Ethical issues today (5 credits)
- 11 Optional modules (10 credits)

### *Examination and assessment*

Assessment will take a variety of forms, which will include end-of-semester 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 Torah/Pentateuch (5 credits)
- 4 From Joshua to the exile: the rise and fall of Israel and Judah (5 credits)
- 5 Literary and historical approaches to the Gospels (5 credits)
- 6 End of the world: Johannine writings (5 credits)
- 7 Ecclesiology: unity and diversity in Catholic Christianity (5 credits)
- 8 Eucharistic theology (5 credits)
- 9 Optional modules (20 credits)

### *Optional Modules*

The module offerings may vary from year to year.

- 1 Theology and social justice: community engagement in Dublin city (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 (10 credits)
- 6 Ecumenical theology (5 credits)
- 7 Ethics and ecology (5 credits)
- 8 The Book of Kells: a theological reading (5 credits)
- 9 Current expressions and movements in Christianity, Islam and Hinduism (5 credits)
- 10 The ten words: ancient ethics and contemporary issues (5 credits)
- 11 Great controversies (5 credits)
- 12 Religion, media and public sphere (5 credits)
- 13 The Qur'an and its history of reception (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 and assessment*

Assessment will take a variety of forms, which will include end-of-semester examination and/or continuous assessment (e.g. essays, seminar presentations and team projects).

Modules are weighted according to their credit values.

### **Senior Sophister**

Students undertake a research dissertation of 15,000 words to the value of 20 credits and take optional modules to the value of an additional 40 credits from both (a) and (b):

(a) Research interests of Loyola staff in the following thematic areas:

Advanced topics in scripture and exegesis (10 credits)

Advanced topics in systematic theology (10 credits)

Advanced topics in theological ethics (10 credits)

(b) Students choose from additional modules offered by the School of Religion as set out in its undergraduate course handbooks.

### *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 and Moderatorship in Philosophy.

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 in 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.

### *Progression regulations*

Students must satisfy the requirements for academic progress as set out in GENERAL REGULATIONS AND INFORMATION.

The overall moderatorship result is based 100 per cent on the Senior Sophister year.

## **Junior Freshmen**

### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

### *Assessment*

Students are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## **Senior Freshmen**

### *Modules*

Students must take 60 credits, 20 credits from each of their three subjects, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisites.

### *Assessment*

Senior Freshmen are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## **Junior Sophisters**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

### *Modules<sup>20</sup>*

Students intending to take a single subject in their Senior Sophister year may take 40 credits from that subject in their Junior Sophister year and 20 credits from their second subject, with an even distribution of credits over the two semesters; such students cannot take joint honors in their Senior Sophister year. Otherwise, students must take 60 credits, 30 credits from two subjects, with an even distribution of credits over the two semesters, and meet the course requirements and module prerequisites as outlined in the programme handbook.

### *Assessment*

Junior Sophisters are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

Students wishing to take the 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 teaching week of Hilary term in the Junior Sophister year.

## **Senior Sophisters**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

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<sup>20</sup>Some of these options may not be available in a particular year.

## *Modules<sup>21</sup>*

### **Single honors**

Students must take 60 credits from one of their subjects, with an even distribution of credits over the two semesters, taking note of the module options, programme requirements and module prerequisites as outlined in the programme handbook.

### **Joint honors**

Students must take 60 credits, 30 from each of their two subjects, with an even distribution of credits over the two semesters, taking note of the module options, programme requirements and module prerequisites as outlined in the programme handbook.

## **MODERATORSHIP IN PHILOSOPHY**

5 The objectives of the mentorship in philosophy are to develop in students the ability to reason clearly, express views lucidly, and support claims cogently regarding fundamental philosophical issues, as well as to introduce students to the important ideas of the ancient and modern philosophers who have helped to shape western culture.

### *Progression regulations*

Students must satisfy the requirements for academic progress as set out in GENERAL REGULATIONS AND INFORMATION.

The Junior Sophister examinations and assessments constitute part I of the mentorship examination and contribute 35 per cent to the total mentorship mark.

The Senior Sophister examinations and assessments constitute part II of the mentorship examination and contribute 65 per cent to the total mentorship mark.

### *Modules*

#### **Junior Freshmen**

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

#### **Senior Freshmen<sup>22</sup>**

Students must take 60 credits, 50 credits in philosophy modules and 10 credits in Broad Curriculum or language modules, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

#### **Junior Sophisters<sup>23</sup>**

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

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<sup>21</sup>Some of these options may not be available in a particular year.

<sup>22</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.

<sup>23</sup>It may not be possible to offer all the options every year.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Sophisters**

The Senior Sophister year emphasises independent work by the students. Students must take modules to the value of 60 credits, with an even distribution of credits over the two semesters, as outlined in the programme handbook.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## **MODERATORSHIP IN ECONOMIC AND SOCIAL STUDIES or BACHELOR IN BUSINESS STUDIES**

### *Introduction<sup>24</sup>*

6 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 year 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.

### *Progression regulations*

Students must satisfy the requirements for academic progress as set out in GENERAL REGULATIONS AND INFORMATION.

The overall moderatorship result is based 100 per cent on the Senior Sophister year.

### **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

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<sup>24</sup>This overall programme is commonly referred to as B.E.S.S. in College.

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 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.

### **Junior Freshmen**

#### *Modules*

Students must take 60 credits, 50 credits in compulsory modules and 10 credits in optional modules, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Freshmen**

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

#### *Regulations*

At the end of the Hilary term, Senior Freshman students are required to notify the B.E.S.S. programme administration of the degree pathway (single honor or joint honor) and subjects which will be followed in the Sophister years. Students must have fulfilled the degree pathway requirements in the Senior Freshman year for their chosen pathway, as set out in the programme handbook. Subsequent transfer to a different degree pathway within the course may be permitted up to the end of the second week of the Michaelmas term of their Junior Sophister year, subject to the approval of the programme director and provided that the student fulfils the requirements of the new degree pathway.

### **Sophister students Moderatorship in Economic and Social Studies**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or



Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

### **Junior Sophisters**

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Sophisters**

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Sophister students Bachelor in Business Studies**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

### **Junior Sophisters**

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Sophisters**

#### *Modules*

Students must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

## MODERATORSHIP IN SOCIOLOGY AND SOCIAL POLICY

### *Introduction*

7 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.

### *Progression regulations*

Students must satisfy the requirements for academic progress as set out in GENERAL REGULATIONS AND INFORMATION.

The overall moderatorship result is based 100 per cent on the Senior Sophister year.

### **Junior Freshmen**

#### *Modules*

Students must take modules totalling 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Freshmen**

#### *Modules*

Students must take modules totalling 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Junior Sophisters**

#### *Modules*

Students must take modules totalling 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

#### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **Senior Sophisters**

#### *Modules*

Students must take modules totalling 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, module prerequisites and programme requirements.

### *Assessment*

Modules are assessed as outlined in the module descriptions. Modules are weighted according to their credit values.

### **MODERATORSHIP IN POLITICAL SCIENCE AND GEOGRAPHY**

8 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.

### *Progression regulations*

Students must satisfy the requirements for academic progress as set out in GENERAL REGULATIONS AND INFORMATION.

### **Joint honor students**

The moderatorship result for students taking geography and political science equally is based entirely on the Senior Sophister year.

### **Single honor students**

The 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.

### *Modules and examinations*

#### **Junior Freshmen**

##### **POLITICAL SCIENCE**

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

##### **GEOGRAPHY**

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options.

### *Assessment*

##### **POLITICAL SCIENCE**

Students will be assessed as outlined in the module descriptions.

##### **GEOGRAPHY**

Assessment is through a combination of course work and examination. 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.

#### **Senior Freshmen**

##### **POLITICAL SCIENCE**

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

Note: Students may replace a maximum of 10 credits in political science with Broad Curriculum and language options (5 credits each)

#### GEOGRAPHY

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

#### *Assessment*

#### POLITICAL SCIENCE

Students will be assessed as outlined in the module descriptions.

#### GEOGRAPHY

Students are assessed by course work and examinations.

### **Junior Sophisters**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

Students must take modules to the value of 60 credits, 30 from each subject.

#### POLITICAL SCIENCE

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

#### GEOGRAPHY

Students must take 30 credits, with an even distribution over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

Note: Students may replace a maximum of 10 credits in geography with Broad Curriculum and language options (5 credits each) spread across the Sophister years.

Students may also choose optional modules in areas such as urban geography, globalisation, hydrology, coastal geomorphology, and quaternary geomorphology.

#### *Assessment*

#### POLITICAL SCIENCE

Students will be assessed as outlined in the module descriptions.

#### GEOGRAPHY

Students will be assessed through a combination of examinations, essays and practical work. All modules are weighted according to their credit values.

### **Senior Sophisters**

To meet the College requirement that all students who are due to graduate from June 2018 onwards complete an independent project, or dissertation, in *either* their Junior Sophister or Senior Sophister years, modules identified as 'IRP' in the programme handbooks, across the two years, qualify as meeting this requirement. Students are only required to choose one such module, whether from the Junior Sophister or Senior Sophister years and it may be chosen from across any discipline.

### **For students taking both geography and political science**

Students taking both subjects equally must take 60 credits, 30 credits from each subject.

#### **POLITICAL SCIENCE**

Students must take 30 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

#### **GEOGRAPHY**

In the Senior Sophister year, students may choose a combination of modules totalling 30 credits. Please see the programme handbook for module options, programme requirements and module prerequisite information.

Note: Students may replace a maximum of 10 credits in geography with Broad Curriculum and language options (5 credits each) spread across the Sophister years.

#### *Assessment*

Students taking both subjects equally throughout the four years will be examined in political science as outlined in the programme handbook. Geography will be assessed by course work and examinations. Modules are weighted according to their credit values.

### **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, urban geography, climate change, and geomorphic processes, amongst others.

Note: Students may replace a maximum of 20 credits in geography with Broad Curriculum and language options (5 credits each) spread across the Sophister years.

#### *Assessment*

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 taking political science only**

Students taking only political science must take 60 credits, with an even distribution of credits over the two semesters. Please see the programme handbook for module options, programme requirements and module prerequisite information.

#### *Assessment*

Students taking political science only will be assessed as outlined in the module descriptions.

### **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. Please see the programme handbook for module options, module prerequisites, progression regulations and programme requirements.

### 4 Senior Freshmen

#### *Modules*

Students must take modules totalling 80 credits. Please see the programme handbook for module options, module prerequisites, progression regulations and programme requirements.

### 5 Junior Sophisters

#### *Modules*

Students must take mandatory modules totalling 75 credits. Please see the programme handbook for module options, module prerequisites, progression regulations and programme requirements.

### 6 Senior Sophisters

#### *Modules*

Students must take mandatory modules totalling 75 credits. Please see the programme handbook for module options, module prerequisites, progression regulations and programme requirements.

#### *Professional practice*

7 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, 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 repeat year and must be passed before students rise to the subsequent year. Senior Sophister placements may be repeated after semester two 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.

### *Health screening and vaccination*

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 students to patients, all new social studies entrants to the School of Social Work and Social Policy must attend a registered general practitioner or the College Health Service and submit the completed required health screening and vaccination documents to the school prior to the first Friday in October 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. Complete details of the vaccination programmes and the blood borne viruses (BBV) policy must be adhered to and are communicated to applicants as part of the admissions process (in the health screening and vaccination information booklet) and are available from the school office and website. Students will be also be advised to seek vaccination against influenza each year for the duration of their course of studies. Students who fail to complete the above requirements will be made withdrawn from their course of study and a re-admission fee may apply.

In the rare circumstances where during their studies a student acquires a BBV infection, the school will consider reasonable accommodations in accordance with statutory requirements. Details of the management of students who become infected with a BBV during their course are outlined in the BBV policy. 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 their school office and consult a registered general practitioner or the College Health Service 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.

Advice for applicants who test positive for a BBV 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 continue with their course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply. 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 University will only admit and retain students that it can reasonably accommodate who are positive with a BBV at any one time. If the University 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.

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 Social Work and Social Policy reserves the right to require that the criteria adopted in relation to the ability to practise in Ireland be satisfied before registration is permitted. All costs associated with tests for health screening and vaccination must be met by the student.

### *Degrees*

8 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.

## *XIV MODERATORSHIP IN COMPUTER SCIENCE AND LANGUAGE*

### *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

H3 in Irish at Leaving Certificate or grade B at General Certificate of Education ('A' level) is required.

#### *Course*

2 The duration of the course is four years. It 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>25</sup>

#### *Progression*

4 The pass mark in each year of this programme is 40 per cent.

#### *Moderatorship degree*

5 Students who pass the Senior Sophister year are awarded the B.A. (moderatorship) degree. The degree result is based entirely on a credit-weighted average of marks attained on Senior Sophister modules.

6 A distinction in spoken language may be awarded in the moderatorship, at the discretion of the examiners, to candidates in modern languages. In the Discipline of Irish and Celtic Languages distinctions in the spoken language may be awarded in all years.

#### *Modules*

### **7 Junior Freshmen**

#### **COMPUTER SCIENCE**

- Mathematics (CS1003) (10 credits)
- Introduction to programming (CS1010) (10 credits)
- Introduction to computing I (CS1021) (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 of each language of two modules, worth 10 and 5 credits (15 credits)

### **8 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**

- Students are expected to attend the research seminar series

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<sup>25</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.



#### 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)

### 9 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)
- Artificial intelligence I (CS3061) (5 credits)
- Compiler design I (CS3071) (5 credits)

#### COMPUTATIONAL LINGUISTICS

- Students are expected to attend the research seminar series

#### LINGUISTICS

- Three modules totalling 15 credits to be chosen from the following options:
- Aspects of written language (LI2307) (5 credits)
- Language learning (LI2303) (5 credits)
- Aspects of vocabulary (LI2301) (5 credits)
- Sociolinguistics (LI2304) (5 credits)

#### LANGUAGE

- Language fluency, taking the form for each language of two modules, worth 10 and 5 credits (15 credits)

### 10 Senior Sophisters

#### COMPUTER SCIENCE

- Information systems (CS4LL1) (5 credits)
- Knowledge representation and automata (CS4060) (5 credits)
- Machine learning (CS4404) (5 credits)

#### COMPUTATIONAL LINGUISTICS

- Students are expected to attend the research seminar series

#### 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>26</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 Sophister year consists of two separate strands. 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.

3 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.

4 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.

5 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. The late submission of assessed work will be penalised. Details of penalties for late submission are given in the relevant course handbook.

6 The optional modules offered may vary from year to year.

### **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.

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<sup>26</sup>The 2015/16 Junior Freshman cohort was the last intake to this course.

# *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 below, 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>2</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>2</sup>*

Bachelor in Arts (Moderatorships in Science (in one of the following subjects: biochemistry, botany, chemistry, chemistry with molecular modelling, environmental sciences, genetics, geography, geology, geoscience, human genetics, immunology, medicinal chemistry, microbiology, molecular medicine, nanoscience, neuroscience, physics, physics and astrophysics, physiology, plant sciences, zoology), in Earth Sciences, in Human Genetics, in Chemistry with Molecular Modelling, in Medicinal Chemistry, and in Nanoscience, Physics and Chemistry of Advanced Materials.

### *Diploma*

2 The following undergraduate diploma course is available: information systems, see II below.

### *Admission*

3 See ADMISSION REQUIREMENTS.

### *Advanced entry*

4 See GENERAL REGULATIONS AND INFORMATION.

### *Academic progress*

5 See GENERAL REGULATIONS AND INFORMATION.

### *Examinations and assessment*

6 See GENERAL REGULATIONS AND INFORMATION.

### *Repetition of year*

7 See GENERAL REGULATIONS AND INFORMATION.

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

<sup>2</sup>For details of geography or mathematics in combination with other subjects, see TWO-SUBJECT MODERATORSHIP COURSES.

### *Transfer of course*

8 See GENERAL REGULATIONS AND INFORMATION.

### *Foundation scholarship*

9 Students intending to present themselves for this examination should see FOUNDATION SCHOLARSHIPS.

### *Gold medals and prizes*

10 See GENERAL REGULATIONS AND INFORMATION.

### *Ordinary degree of B.A.*

11 See GENERAL REGULATIONS AND INFORMATION.

## **II COURSES IN COMPUTER SCIENCE AND STATISTICS**

### **MODERATORSHIP IN COMPUTER SCIENCE AND BUSINESS<sup>3</sup>**

#### *Admission*

1 For admission requirements see ADMISSION REQUIREMENTS section I, table A, note 15.

#### *Course*

2 The duration of the course is four years. 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.

#### *Progression*

3 For assessment and academic progress regulations, please refer to GENERAL REGULATIONS AND INFORMATION.

4 The pass mark in each year is 40 per cent. Students must submit prescribed course work in each year. Students who fail to do so may be refused permission to take all or part of the examinations for that year.

#### *Moderatorship degree*

5 The B.A. (Moderatorship) degree result is calculated as a credit-weighted average of the overall results achieved in the Senior Sophister year.

#### *Syllabus*

#### **6 Junior Freshmen**

Students must take three mandatory modules:

- BU1511 Fundamentals of management and organisation (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:

- CS1003 Mathematics (10 credits)
- CS1010 Introduction to programming (10 credits)
- CS1013 Programming project I (5 credits)
- CS1021 Introduction to computing I (5 credits)
- CS1022 Introduction to computing II (5 credits)

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<sup>3</sup>Prior to 2012-13 this course was called the Moderatorship in Business and Computing.

The availability of modules may be restricted by resource or timetable considerations.

## **7 Senior Freshmen**

Students are required to take the following six 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 are required to take the following computer science modules:

- CS2010 Algorithms and data structures (10 credits)
- CS2013 Programming project II (5 credits)
- CS2014 Systems programming (5 credits)
- CS2041 Information management I (5 credits)
- CS2BC1 Systems analysis and design I (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 an even distribution over the two semesters. Students must take at least 20 credits in business and 20 credits in computer science.

### **BUSINESS MODULES**

- BU3520 Management accounting for business decisions (10 credits)
- BU3530 Financial and management accounting (10 credits)
- BU3571 Human resource management (5 credits)
- BU3591 Business in society (5 credits)
- BU3601 Innovation, entrepreneurship and business modelling (5 credits)
- BU3620 Introduction to fixed income securities and alternative investments (5 credits)
- BU3631 Corporate finance and equity valuation (5 credits)
- BU3640 Services management (5 credits)
- BU3650 Digital technology in operations (5 credits)
- BU3660 Organisation theory and organisational analysis (5 credits)
- BU3680 Investments (5 credits)
- BU3690 Social entrepreneurship (5 credits)
- BU3700 Contemporary marketing management (5 credits)
- BU3710 Consumer behaviour (5 credits)

### **COMPUTER SCIENCE MODULES**

- ST3009 Statistical methods for computer science (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)
- 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)

The availability of modules may be restricted by resource or timetable considerations.

## 9 Senior Sophisters

\*Students must take 60 credits in total with an even distribution over the two semesters. Students must take 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)
- BU4640 Derivatives and international finance (15 credits)
- BU4550 Advances in marketing theory and practice (15 credits)
- BU4580 Managing new product development (15 credits)
- BU4621 Social innovation and social impact (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)
- CS4004 Formal verification (5 credits)
- CS4012 Topics in functional programming (5 credits)
- CS4400 Internet applications (5 credits)
- CS4051 Human factors (5 credits)
- CS4052 Computer graphics (5 credits)
- CS4053 Computer vision (5 credits)
- CS4404 Machine learning (5 credits)
- ST4500 Strategic information systems (10 credits)

The choice of options may be restricted by resource or timetable considerations.

\*Will change to 20 credits with effect from 2020-21.

## MODERATORSHIP IN COMPUTER SCIENCE AND MASTER IN COMPUTER SCIENCE (M.C.S.)

### *Course*

10 The programme will normally last for four or five years and will lead to the degrees of B.A. (Moderatorship) (after four years) and Master in Computer Science (after five years).

11 The programme 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, computer 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 fourth year. In the fifth year students will undertake a significant project with a substantial element of independent research leading to a dissertation.

Students on the four-year programme leading to the B.A. (Moderatorship) degree complete a substantial capstone project in fourth year.

### *Progression*

12 For assessment and academic progress regulations, please refer to GENERAL REGULATIONS AND INFORMATION.

13 The pass mark in the first, second, third and fourth years of this programme is 40 per cent. The pass mark in fifth year (the master's year) of this programme is 50 per cent.

14 Students must achieve an average of at least 60 per cent at the first attempt of their third year examinations to be eligible to participate in the master's internship in fourth year. Students who have passed the third year but who do not choose to proceed to the fourth year of the five-year master's programme, or are ineligible to participate in the master's internship, may instead proceed to the final year of the four-year programme, leading to the B.A. (Moderatorship) degree.

Students who pass the fourth year of the five year master's course, achieve an average of at least 60 per cent at the first attempt of their fourth year examinations 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.

#### *Moderatorship degree*

15 Students who have passed fourth year 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. Students who are eligible and choose to proceed to the fifth year of the programme will be awarded a classified B.A. (Moderatorship) degree on completion of fifth year.

The B.A. (Moderatorship) degree result is calculated as a weighted average of the overall results achieved in third year (contributing 20 per cent) and fourth year (contributing 80 per cent). Students who enter the programme from 2019-20 onwards will have their B.A. (Moderatorship) degree result calculated as a weighted average of their overall results achieved in third year (contributing 30 per cent) and fourth year (contributing 70 per cent). The B.A. (Moderatorship) degree result of candidates who spend one semester or more of third year studying abroad will be determined by their fourth year results only.<sup>4</sup>

#### *Master in Computer Science degree*

16 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*

##### **17 Year 1**

- CS1003 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)

##### **18 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)

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<sup>4</sup>This will change for students entering from 2019-20 onwards.

### 19 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)
  - CS3031 Advanced telecommunications (5 credits)
  - CS3041 Information management II (5 credits)
  - CS3061 Artificial intelligence I (5 credits)
  - CS3081 Computational mathematics (5 credits)
  - CS3071 Compiler design I (5 credits)
- Additional topics

### 20 Year 4<sup>5</sup>

- 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 Next generation networks (5 credits)
  - CS4400 Internet applications (5 credits)
  - CS4052 Computer graphics (5 credits)
  - CS4053 Computer vision (5 credits)
  - CS4404 Machine learning (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>6</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 Next generation networks (5 credits)
  - CS4400 Internet applications (5 credits)
  - CS4052 Computer graphics (5 credits)
  - CS4053 Computer vision (5 credits)
  - CS4404 Machine learning (5 credits)
  - CS4LL5 Advanced computational linguistics (5 credits)
- Additional topics<sup>6</sup>

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<sup>5</sup>It may not be possible to offer all of the listed options in each year. Some options may have prerequisites.

<sup>6</sup>A maximum of 20 credits of CS4 level modules can be taken over year four and five.



## 21 Year 5

CS7064 Research methods (5 credits)

CS7092 Master in Computer Science dissertation (30 credits)

and five options from the following list:<sup>5</sup>

CS7NS2 Internet of things (5 credits)

CS7IS2 Artificial intelligence (5 credits)

CS7GV2 Mathematics of light and sound (5 credits)

CS7NS3 Next generation networks (5 credits)

CS7NS6 Distributed systems (5 credits)

CS7GV1 Computer vision (5 credits)

CS7CS4 Machine learning (5 credits)

CS7IS1 Knowledge and data engineering (5 credits)

CS7NS4 Urban computing (5 credits)

CS7NS1 Scalable computing (5 credits)

CS7GV5 Real-time animation (5 credits)

CS7IS5 Adaptive applications (5 credits)

CS7NS5 Security and privacy (5 credits)

CS7GV4 Augmented reality (5 credits)

CS7GV3 Real-time rendering (5 credits)

CS7GV6 Computer graphics (5 credits)

CS7DS2 Optimisation algorithms for data analysis (5 credits)

CS7DS3 Applied statistical modelling (5 credits)

CS7DS4 Data visualisation (5 credits)

CS7IS3 Information retrieval and web search (5 credits)

CS7IS4 Text analytics (5 credits)

## MODERATORSHIP IN COMPUTER SCIENCE AND LANGUAGE

22 For details see FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.

## MODERATORSHIP IN MANAGEMENT SCIENCE AND INFORMATION SYSTEMS STUDIES

23 This is a four year programme and will lead to the degree of B.A. (Moderatorship) of 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.

### *Progression*

25 In all years students are assessed by assignments and tests during the year and/or by formal examinations. The pass mark in each year of the course is 40 per cent.

### *Moderatorship degree*

26 The Junior Sophister and Senior Sophister results together constitute the moderatorship examination to which they contribute 35 percent and 65 percent of the marks respectively. For students who enter the programme from 2019-20 onwards, the Junior Sophister and Senior Sophister results will contribute 30 percent and 70 percent of the moderatorship result respectively. For candidates who spend one or more semesters of their Junior Sophister year

abroad, their B.A. (Moderatorship) degree result will be determined by their Senior Sophister year results only.<sup>7</sup>

### *Modules*

#### **27 Junior Freshmen**

Students take mandatory modules in business and management, computer science, economics, management science, mathematics and statistics.

- BU1511 Fundamentals of management and organisation (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)

The MSISS course is currently under review and there may be changes to the above list of modules.

#### **28 Senior Freshmen**

Students take mandatory modules in business and management, computer science, economics, management science, mathematics, probability and statistics.

- 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 (10 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.

#### **29 Junior Sophisters**

Mandatory modules must be taken in a number of areas including information systems, management science and statistics. Students also take an option from a list of modules in business, computer science, economics, mathematics 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.

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<sup>7</sup>This will change for students entering from 2019-20 onwards.

### 30 Senior Sophisters

Mandatory modules must be taken in information systems, management science and statistics, and a capstone project undertaken based on a real industrial or organisational problem. Students also take an option from a list of modules in business, computer science, economics, mathematics and statistics. The choice of options may be restricted by staff availability and timetable considerations. Each student's choice of elective modules and final year project must be approved by the course director.

- ST4500 Strategic information systems (10 credits)
- ST4003 Data analytics (10 credits)
- ST4005 Decision analysis (5 credits)
- ST4001 MSISS final year project (20 credits)
- Option (15 credits)

The MSISS course is currently under review and there may be changes to the above list of modules.

### DIPLOMA IN INFORMATION SYSTEMS (EVENING COURSE)

31 There will be no admission to the first year of this programme in 2018-19.

### B.Sc. DEGREE IN INFORMATION SYSTEMS (EVENING COURSE)

32 There will be no admission into this programme in 2018-19.

#### *Progression*

33 The pass mark in each year of this programme is 40 per cent.

#### *Degree award*

34 Successful candidates in year 4 are placed in the following classes: first class honors, second class honors (with two divisions, first and second), and third class honors. The degree result is based entirely on a credit-weighted average of marks attained in year 4 modules.

#### *Choice of options*

35 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.

#### *Syllabus*

### 36 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)

### 37 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 remaining modules in the list above.<sup>8</sup>

### III COURSES IN ENGINEERING SCIENCE

#### *Fees*

1 See COLLEGE CHARGES.

#### DEGREES OF BACHELOR IN ENGINEERING AND MASTER IN ENGINEERING (STUDIES) (B.A., B.A.I.) or (B.A., M.A.I. (St.))

2 Students complete a four-year course and may elect to complete an additional year of study leading to a M.A.I. (St.) degree. There is provision for an abridgement of the course to three years.

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
- 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.

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 Outbound Trinity College students: 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. 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.

Inbound I.N.S.A. de Lyon students: A similar arrangement exists for engineering students of the I.N.S.A. de Lyon whereby suitably qualified candidates are admitted to the fourth 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

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<sup>8</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.

awarded the M.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 (5 credits)
2E10	Engineering design IV: project (10 credits)
2E11	Computational engineering (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)

- 3E3 Probability and statistics (5 credits)
- 3E4 Innovation and entrepreneurship for engineers (5 credits)

and admissible combinations from the following:<sup>9</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)
- 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)
- 3C7 Digital systems design (5 credits)  
(for electronic and electronic/computer engineering strands)
- 3C8 Digital circuits design (5 credits)  
(for electronic and electronic/computer engineering strands)
- 3C9 Analogue circuits design (5 credits) (for electronic engineering strand only)
- 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 Data structures and algorithms (5 credits)  
(for all electronic/computer engineering strands)
- 3D5B Software design and implementation (5 credits)  
(for computer engineering strand only)
- 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 modules and project work in College (mode 1), a project-based

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<sup>9</sup>Admissible combinations vary by engineering strand. It may not be possible to offer all the options every year.

engineering internship (mode 2), or an international academic exchange (mode 3), comprising admissible combinations of the following:<sup>10</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)
4E3	Research methods (5 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)
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)
4B9	Control engineering 1 (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)
4B15	Introduction to bioengineering (5 credits)
4B16	Biomechanics of tissues and plants (5 credits)
4B17	Multibody dynamics (5 credits)
4B21	Thermal engineering and technology (5 credits)
4BIO1	Cell and molecular biology (5 credits)
4BIO2	Telemedicine (5 credits)
4BIO3	Physical and physiological measurement (5 credits)
4BIO4	Experimental and research methods in biomedical engineering (5 credits)
4BIO5	Biomechanics (5 credits)
4BIO6	Biomaterials (5 credits)
4C1	Integrated systems design (5 credits)
4C2	Microelectronic circuits (5 credits)
4C3	Digital control systems (5 credits)
4C4	Next generation networks (5 credits)
4C5	Digital signal processing (5 credits)
4C6	Microelectronic technology (5 credits)
4C7	Information and communication theory (5 credits)

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<sup>10</sup>The general regulations with respect to the timing of academic exchanges in final year apply.

4C8	Digital image and video 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)
4C16	Deep learning and its applications (10 credits)
4C17	Electromagnetic fields and waves (5 credits)
4MEMS8	Research methods (5 credits)
4MEMS9	User centred design innovation (5 credits)
CS3421	Computer architecture II (5 credits)
CS4D2A	Information management II (5 credits)
CS4D2B	Knowledge engineering (5 credits)
CS4031	Next generation networks (5 credits)
CS4052	Computer graphics (5 credits)
CS4404	Machine learning (5 credits)
CS4053	Computer vision (5 credits)
CS4405	Optimisation algorithms for data analysis (5 credits)
CS4406	Data visualisation (5 credits)
CS4400	Internet applications (5 credits)
CS7434	Augmented reality (5 credits)
CS4407	Security and privacy (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 (35 credits) and a mandatory engineering research project (25 credits).

5E1	Engineering research project (25 credits)
5E2	Research methods (5 credits)
5E3	Innovation in product development (15 credits)
5E4	Introduction to computational fluid mechanics (5 credits)
C1	Renewable energy I (5 credits)
C2	Renewable energy II (5 credits)
C3	Modelling of engineering systems (5 credits)
C4	Facade engineering (5 credits)
C5	Advanced spatial analysis using GIS (5 credits)
C6	Construction innovation and research (5 credits)
E2	Spatial environmental analysis and impact assessment using GIS (5 credits)
E3	Air quality and noise pollution (5 credits)
E4	Waste management and energy recovery (5 credits)
E5	Water quality and hydrological modelling (5 credits)
E7	Sustainable water supply and sanitation (5 credits)
J1	Wind energy (5 credits)
J2	Solar energy conversion and applications (5 credits)
J3	Building energy physics and control (5 credits)
J4	Energy policy and demand (5 credits)
J5	Renewable heat (5 credits)
J6	Wave and hydro energy (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	Offshore geotechnical engineering (5 credits)
S8	Concrete durability and sustainability (5 credits)
S9	Advanced theory of structures (5 credits)
T1	Transportation policy (5 credits)
T2	Transport modelling and planning (5 credits)
T3	Highway engineering (5 credits)
T4	Intelligent transportation systems (ITS) (5 credits)
T5	Transport design (5 credits)
5B1	Flow induced vibration and fluid structure interaction (5 credits)
5B2	Advanced materials (5 credits)
5B3	Advanced thermal fluids design (10 credits)
5B4	Engineering vibration and noise (5 credits)
5B5	Human factors (5 credits)
5B9	Control engineering 2 (5 credits)
5B10	Instrumentation and experimental techniques (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)
5M9	Control engineering 1 (5 credits)
5M12	Acoustics (5 credits)
5M13	Fluid mechanics (5 credits)
5M15	Introduction to bioengineering (5 credits)
5M16	Biomechanics of tissues and implants (5 credits)
5M17	Multibody dynamics (5 credits)
5M21	Thermal engineering and technology (5 credits)
5BIO1	Medical devices (10 credits)
5BIO2	Advanced tissue mechanics and mechanobiology (5 credits)
5BIO3	Tissue engineering (5 credits)
5BIO4	Finite element analysis (5 credits)
5BIO5	Injury biomechanics and musculoskeletal dynamics (5 credits)
5BIO6	Neural signal analysis (5 credits)
5BIO7	Advanced medical imaging (5 credits)
5BIO8	Implanted devices and systems (10 credits)
5BIO9	Foundation medical device design (5 credits)
5C1	Motion picture engineering (10 credits)
5C2	Wireless networks and communications (5 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)
5C7	Complex systems science (5 credits)
CS4501	Fuzzy logic (5 credits)
CS4521	Advanced computer architecture (5 credits)
CS4504	Formal verification (5 credits)
CS7NS6	Distributed systems (5 credits)
CS7NS2	Internet of things (5 credits)
CS7IS2	Artificial intelligence (5 credits)
CS7GV5	Real time animation (5 credits)

CS7IS5	Adaptive applications (5 credits)
CS7IS1	Knowledge and data engineering (5 credits)
CS7GV2	Mathematics of light and sound (5 credits)
CS7CS3	Advanced software engineering (5 credits)
CS7DS2	Optimisation algorithms for data analysis (5 credits)
CS7DS3	Applied statistical modelling (10 credits)
CS7DS4	Data visualisation (5 credits)
CS7IS3	Information retrieval and web search (5 credits)
CS7IS4	Text analytics (5 credits)
CS7GV3	Real-time rendering (5 credits)
CS7NS1	Scalable computing (5 credits)
CS7NS4	Urban computing (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)

Associated laboratory work, design projects and fieldwork, appropriate to the modules selected, will be provided.

### *Examinations and assessment*

13 As per College's GENERAL REGULATIONS AND INFORMATION, with the following additions for the Engineering and Engineering with Management courses<sup>11</sup>:

(a) The following minimum requirements are necessary for a student to be eligible to proceed to the fifth year of the M.A.I. programme: students must attain at least a grade of II.1 (60-69 per cent) in their B.A.I. degree result or a credit-weighted result of at least 55 per cent in their Junior Sophister year and at least 55 per cent in their Senior Sophister year.

(b) For the purposes of calculating contribution from the Junior Sophister year to the B.A.I. degree award and to determine eligibility to progress to the M.A.I., in the event that examinations are taken at the reassessment session in the Junior Sophister year, all components contributing towards the overall reassessment mark will be capped at 40 per cent.

(c) Students are permitted one repeat of their Senior Sophister year to achieve the grade required to proceed to the fifth year of the course. Should a student choose not to proceed to the fifth year, the overall grade obtained in their first attempt at the Senior Sophister year will be used in the calculation of the degree award, not the grade obtained during the repeat year.

(d) 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 end-of-semester 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.

### *Conferring of degrees*

14 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. Students admitted in 2016-17 onwards and who have obtained credit for all five years of the course are entitled to the degrees of B.A. and M.A.I. (St.). Students admitted prior to 2016-17 who have obtained credit for all five years of the course are entitled to be conferred with the degrees B.A., B.A.I. and M.A.I. (St.). The degrees in each instance must be conferred at the same Commencements.

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<sup>11</sup>This will change for students in the Senior Freshman year in 2018-19.

## DEGREES IN ENGINEERING WITH MANAGEMENT (B.Sc. (Ing.) or M.A.I. (St.))

15 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. There is provision for an abridgement of the course to three years.

16 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.

17 Outbound Trinity College students: 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.

Inbound I.N.S.A. de Lyon students: A similar arrangement exists for engineering students of the I.N.S.A. de Lyon whereby suitably qualified candidates are admitted to the fourth 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 M.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.

18 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.

19 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*

#### **20 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.

## **21 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.

## **22 Year 3**

Students take admissible combinations of modules amounting to 60 credits, from the following modules:

3B3	Mechanics of solids (5 credits)
3B4	Mechanical engineering materials (5 credits)
3E3	Probability and statistics (5 credits)
3MEMS1	Manufacturing technology II (5 credits)
3MEMS3	Design II (10 credits)
ST3005	Information systems (5 credits)
3MEMS5	Operations and project management (5 credits)
3B1	Thermodynamics (5 credits)
3B2	Fluid mechanics (5 credits)
3B5	Mechanics of machines (5 credits)
3C1	Signals and systems (5 credits)
3BIO1	Anatomy and physiology (5 credits)
ST3010	Applied forecasting (5 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

## **23 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>12</sup>

4MEMS1	Engineering project (15 credits)
4MEMS2	Advanced manufacturing I – digital manufacturing (5 credits)
4MEMS3	Supply chain management (5 credits)
4MEMS4	Operations strategy (5 credits)
4MEMS5	Advanced manufacturing II – additive manufacturing and laser processing (5 credits)
4MEMS8	Research methods (5 credits)

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<sup>12</sup>The general regulations with respect to the timing of academic exchanges in final year apply.

4MEMS9	User centred design innovation (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)
4B3	Thermodynamics (5 credits)
4B4	Heat transfer (5 credits)
4B7	Computer aided design (5 credits)
4B9	Control engineering 1 (5 credits)
4B10	Instrumentation and experimental techniques (5 credits)
4B11	Engineering vibrations (5 credits)
4B12	Acoustics (5 credits)
4B13	Fluid mechanics 2 (5 credits)
4B17	Multibody dynamics (5 credits)
4BIO5	Biomechanics (5 credits)
4BIO6	Biomaterials (5 credits)
4C8	Digital image and video processing (5 credits)
4C15	Analogue signal processing (5 credits)
4C16	Deep learning and its applications (10 credits)
CS4052	Computer graphics (5 credits)
CS4053	Computer vision (5 credits)
ST3001	Software applications 3 (10 credits)
ST3001A	Software applications 3 (5 credits)
ST3011	Multivariate linear analysis (MLA) (5 credits)
ST4005	Decision analysis (5 credits)
ST4500	Strategic information systems (10 credits)
BU458D	Managing new product development (5 credits)
BU4580A	Managing new product development (10 credits)

Associated laboratory work and design projects, appropriate to the modules selected, will be provided.

## 24 Year 5

In the fifth year of the course all students complete mandatory and optional modules (35 credits) and a mandatory engineering research project (25 credits).

5E1	Engineering research project (25 credits)
5E2	Research methods (5 credits)
5E3	Innovation in product development (15 credits)
5E4	Introduction to computational fluid mechanics (5 credits)
5MEMS1	Advanced manufacturing II – additive manufacturing and laser processing (5 credits)
5MEMS3	Supply chain management (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 thermal fluid sciences (5 credits)
5B4	Engineering vibration and noise (5 credits)
5B9	Control engineering 2 (5 credits)

5B10	Instrumentation and experimental techniques (5 credits)
5BIO1	Medical devices (10 credits)
5BIO2	Advanced tissue mechanics and mechanobiology (5 credits)
5BIO3	Tissue engineering (5 credits)
5BIO4	Finite element analysis (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)
5M9	Control engineering 1 (5 credits)
5M12	Acoustics (5 credits)
5M13	Fluid mechanics (5 credits)
5M15	Introduction to bioengineering (5 credits)
5M16	Biomechanics of tissues and implants (5 credits)
5M17	Multibody dynamics (5 credits)
5M21	Thermal engineering and technology (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*

25 As §13 above but with specific reference to the B.Sc. (Ing.) instead of the B.A.I. degree.

26 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 end-of-semester 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.

#### *Conferring of degrees*

27 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.

### INTERNATIONAL ENGINEERING PROGRAMME

(IN PARTNERSHIP WITH THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY)

28 Students admitted to the International Engineering Programme (IEP) will have successfully completed two years undergraduate study in Civil, Mechanical, Electronic and Electrical, Computer Engineering, or Electronic and Computer Engineering disciplines at the Thapar Institute of Engineering and Technology (TIET). Students follow the Junior Sophister and Senior Sophister degree years as prescribed in the School of Engineering undergraduate handbook. Progression rules for students in the Sophister years of the degree programme are the same as

for students who enter the programme via the TR032 entry stream. On passing the Junior and Senior Sophister years, students will receive a B.A.I. in Engineering. Upon successful completion of this four year course of study, students may be eligible to pursue the fifth year integrated pathway and receive an M.A.I. degree, provided they meet the strict entry eligibility requirements.

#### *Admission*

Students enrolled in the engineering degree course at TIET who have successfully completed the first two years of study and satisfied other requirements are eligible to apply for admission. The application procedure and all entry requirements stipulated by the articulation agreement between TIET and Trinity College Dublin are described in the School of Engineering undergraduate handbook and on its website.

### *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 examination session at the end of the semester during which the module is delivered.

7 In the Junior Sophister year, students take modules providing a total of 60 credits with modules providing 30 credits taken in each teaching term. 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 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, in the academic year 2018-19, must include a 10 credit project (module MA4492). In addition to modules in statistics 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 poster 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.

For students completing the course in 2018-19, the examinations of the two Sophister years count equally towards the overall mark for moderatorship.

#### *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 As per GENERAL REGULATIONS AND INFORMATION.

### MODERATORSHIP IN THEORETICAL PHYSICS

11 Theoretical physics is taught jointly by the School of Mathematics and the School of Physics. In each year of study, 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 or on the websites of the schools. The format of content delivery and assessment, as well as any module prerequisites, may vary between different modules and is explained separately in each of the module descriptions. Typical means of assessment include continuous assessment, laboratory work, and/or papers set at the examination sessions.

In the Junior Freshman year, students take 20 credits of physics modules covering material on waves and optics, special relativity, astronomy and astrophysics, statistics, electricity and magnetism, and quantum 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 thermodynamics, electricity and magnetism, waves and optics, materials, nuclear and particle physics, oscillations, chaos and complexity, and astronomy. Each of these modules includes practicals with set experiments, computational exercises and group study projects. In mathematics, students take modules for 40 credits on Lagrangian and Hamiltonian mechanics, special relativity, equations of mathematical physics, group theory, real and complex analysis, and calculus on manifolds.

12 In the Junior Sophister year, students take mandatory mathematics modules in quantum mechanics, classical electrodynamics and statistical physics, which together provide a total of 30 credits. In physics, students take mandatory modules totalling 30 credits on condensed matter physics, atomic and nuclear physics, a practical module of 10 credits including advanced experiments, a component covering communication skills and career development, and a choice of either astrophysics or computational physics.

In the Senior Sophister year, students take mandatory physics modules on high energy physics, condensed matter theory, quantum optics and information, and problem solving. Students can choose from optional physics modules in topics that may include nanoscience, cosmology, computer simulation, and advanced topics in physics. In mathematics, students can choose from a variety of topics that include, but are not limited to, quantum field theory, standard model, differential geometry, general relativity, and practical numerical simulations. Students can also take at most one 5-credit Broad Curriculum module, subject to timetable availability. Students should also complete a compulsory research project in theoretical physics, which is allocated 10 credits. The project can be supervised by a researcher from either of the schools or, in some cases, by an approved supervisor external to the schools. The choice among optional modules offered across both schools is constrained by the following requirements: (i) at least 20 credits of mathematics modules should be taken, and the research project cannot be counted towards this end; (ii) at least 5 credits in either quantum field theory or general relativity should be taken, and (iii) students must have studied any necessary prerequisite material.

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.

Students who fail to reach moderatorship standard in their Senior Sophister year will be awarded an ordinary B.A. degree.

For students successfully completing the Senior Sophister year in the academic year 2018-19, the moderatorship mark is based on the results of both Sophister years, with a weighting of 35 per cent allocated to Junior Sophister modules and a weighting of 65 per cent to the Senior Sophister modules.

#### *Repetition of year in theoretical physics*

14 As per GENERAL REGULATIONS AND INFORMATION.

#### *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 beginning of the Senior 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 will 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 Prerequisites for all modules below are published on the webpage of the School of Mathematics. Students lacking prerequisites for a module must obtain prior permission of the course director to take the module.

#### *Introductory level*

- MA1111 Linear algebra I (5 credits)
- MA1112 Linear algebra II (5 credits)
- MA1213 Introduction to group theory (5 credits)
- MA1125 Single-variable calculus and introductory analysis (10 credits)
- MA1126 Introduction to set theory and general topology (5 credits)
- MA1132 Advanced calculus (5 credits)
- MA1216 Introduction to number theory and combinatorics (5 credits)
- MA1241 Mechanics I (5 credits)
- MA1242 Mechanics II (5 credits)
- ST1251 Introduction to statistics I (5 credits)
- ST1252 Introduction to statistics II (5 credits)
- MA1266 Introduction to programming in C (5 credits)

#### *Intermediate level*

- MA2214 Fields, rings and modules (5 credits)
- MA2223 Metric spaces (5 credits)
- MA2224 Lebesgue integral (5 credits)
- MA2321 Analysis in several real variables (5 credits)
- MA2322 Calculus on manifolds (5 credits)
- MA2327 Ordinary differential equations (5 credits)
- MA2328 Complex analysis (5 credits)
- MA232A Euclidean and non-Euclidean geometry (5 credits)
- MA2331 Equations of mathematical physics I (5 credits)
- MA2332 Equations of mathematical physics II (5 credits)
- MA2341 Advanced classical mechanics I (5 credits)
- MA2342 Advanced classical mechanics II (5 credits)
- MA2361 Computation theory and logic (5 credits)
- ST2004 Applied probability I (5 credits)
- ST2005 Applied probability II (5 credits)
- ST2351 Probability and theoretical statistics I (5 credits)

#### *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 list below (and may also include modules not listed here).

- MA3415 Introduction to Lie algebras (5 credits)
- MA3416 Group representations (5 credits)
- MA3419 Galois theory (5 credits)
- MA341D Introduction to Gröbner bases (5 credits)
- MA341L Commutative algebra (5 credits)
- MA3421 Functional analysis I (5 credits)
- MA3422 Functional analysis II (5 credits)

MA3423 Topics in complex analysis I (5 credits)  
 MA3424 Topics in complex analysis II (5 credits)  
 MA3425 Partial differential equations I (5 credits)  
 MA3426 Partial differential equations II (5 credits)  
 MA3427 Algebraic topology I (5 credits)  
 MA3428 Algebraic topology II (5 credits)  
 MA3429 Differential geometry I (5 credits)  
 MA342A Harmonic analysis (5 credits)  
 MA342H Partial differential equations (methods and applications) (5 credits)  
 MA342N Ordinary differential equations (5 credits)  
 MA3431 Classical field theory I (5 credits)  
 MA3432 Classical field theory II (5 credits)  
 MA3441 Quantum mechanics I (5 credits)  
 MA3442 Quantum mechanics II (5 credits)  
 MA3443 Statistical physics I (5 credits)  
 MA3444 Statistical physics II (5 credits)  
 MA3461 Computational geometry and computer graphics (5 credits)  
 MA3464 Computation theory and logic II (5 credits)  
 MA3469 Practical numerical simulations (5 credits)  
 MA3484 Methods of mathematical economics (5 credits)  
 MA3486 Fixed point theorems and economic equilibria (5 credits)  
 MA4445 Quantum field theory I (5 credits)  
 MA4446 Quantum field theory II (5 credits)  
 MA4448 General relativity (5 credits)  
 MA444D The standard model of elementary particle physics (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](#).

ST3010 Applied forecasting (5 credits)  
 ST3011 Multivariate data analysis (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)  
 ST4003 Data analytics (10 credits)  
 ST4005 Decision analysis (5 credits)

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>13</sup>

1 For students who entered the science programmes in 2018 onwards, the following science programmes are available:

TR060 Biological and biomedical sciences  
 TR061 Chemical sciences

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<sup>13</sup>These regulations should be read in conjunction with GENERAL FACULTY REGULATIONS and GENERAL REGULATIONS AND INFORMATION.

TR062 Geography and geoscience

TR063 Physical sciences

TR031 Mathematics (see SCHOOL OF MATHEMATICS, section IV, §6)

TR035 Theoretical physics (see SCHOOL OF MATHEMATICS, section IV, §11)

### TR060 Biological and biomedical sciences

This stream is the pathway for entry into the biological and biomedical sciences, leading to moderatorships in biochemistry, botany, environmental sciences, genetics, human genetics, immunology, microbiology, molecular medicine, neuroscience, and zoology. Students will study a suite of core modules in their Junior Freshman year (40 credits) designed to impart the foundation knowledge required for entry into all moderatorships. In addition, students will choose 20 credits from a suite of approved modules in related and complementary disciplines, designed to enrich and impart breadth to the core curriculum.

Junior Freshman core modules, students take all four modules (40 credits):

BYU11001	From molecules to cells	10 credits
BYU11002	From organisms to ecosystems	10 credits
CHU11B01	Chemistry for biologists	10 credits
MAU11001	Mathematics, statistics and computation	10 credits

Junior Freshman approved modules, students choose 20 credits (10 from each semester):

PYU11F10	Foundation physics	10 credits
PYU11F20		
GSU11001	Spaceship Earth: introduction to Earth systems	10 credits
GSU11002	Geology: a beginners guide to planet Earth	10 credits
SEU10001	Science education and communication	10 credits
SEU10002		

### TR061 Chemical sciences

In the chemical sciences stream, students will study the core concepts that are fundamental to all of chemistry including topics in physical, organic and inorganic chemistry. Moderatorship subjects will be available in chemistry, chemistry with molecular modelling, medicinal chemistry and nanoscience (the physics and chemistry of advanced materials). In the Junior Freshman year, students must take 20 credits of chemistry and 20 credits of mathematics as core modules and choose 20 credits of approved option modules in physics and biology. Students wishing to specialise in medicinal chemistry are required to select biology (10 credits) and foundation physics (10 credits) as their approved options. Students wishing to specialise in nanoscience are required to select physics (20 credits) as approved options.

Junior Freshman core modules, students take all four modules (40 credits):

CHU11101	General and physical chemistry	10 credits
CHU11102	Introduction to inorganic and organic chemistry	10 credits
MAU11S01	Mathematics 1	10 credits
MAU11S02	Mathematics 2	10 credits

Junior Freshman approved modules, students choose 20 credits:

BYU11001 and PYU11F20	From molecules to cells Foundation physics	10 credits 10 credits
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or

PYU11P10 and PYU11P20	Physics 1 Physics 2	10 credits 10 credits
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### TR062 Geography and geoscience

The geography and geoscience degree programme is the new entry pathway to the study of geography, geology and geoscience. Moderatorship subjects will be available in geography and geoscience. The first two years comprise a suite of foundation modules (40 credits per year) designed to provide students with a firm grounding in geography and geoscience. In addition, students will select a further 20 credits per year from a portfolio of approved modules that span the sciences (biology, chemistry, foundation physics) and cognate humanities (human geography). In the final years, students select from a range of more specialist/advanced modules, in addition to undertaking an independent research project. The programme combines classroom lectures, seminars, laboratory-based practical classes, and outdoor field work, including several residential field courses.

Junior Freshman core modules, students take all four modules (40 credits):

GSU11001	Spaceship Earth: introduction to Earth systems	10 credits
GSU11002	Geology: a beginners guide to planet Earth	10 credits
GSU11003	The anthropocene: constructing the human planet	10 credits
MAU11001	Mathematics, statistics and computation	10 credits

Junior Freshman approved modules, students choose 20 credits:

BYU11001	From molecules to cells	10 credits
BYU11002	From organisms to ecosystems	10 credits
CHU11101	General and physical chemistry	10 credits
CHU11102	Introduction to inorganic and organic chemistry	10 credits
PYU11F10 or PYU11F20	Foundation physics	10 credits
GGU11026	Human geography	10 credits

### TR063 Physical sciences

In the physical sciences stream, students will study the core concepts that are fundamental to all of physics with the opportunity to choose between degrees in the available moderatorship subjects of physics, physics and astrophysics, and nanoscience. Students wishing to specialise in nanoscience are required to select chemistry (20 credits) as approved options.

Junior Freshman core modules, students take all four modules (40 credits):

PYU11P10	Physics 1	10 credits
PYU11P20	Physics 2	10 credits
MAU11S01	Mathematics 1	10 credits
MAU11S02	Mathematics 2	10 credits

Junior Freshman approved modules, students choose 20 credits:

BYU11001	From molecules to cells	10 credits
BYU11002	From individuals to ecosystems	10 credits
CHU11101	General and physical chemistry	10 credits
CHU11102	Introduction to inorganic and organic chemistry	10 credits
GSU11001	Spaceship Earth: introduction to Earth systems	10 credits
GSU11002	Geology: a beginners guide to planet Earth	10 credits

### MODERATORSHIP IN SCIENCE

2 For students who entered the TR071 Science course up to and including 2017, the moderatorship in science is available in each of the following subjects: biochemistry, chemistry, environmental sciences, 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 For students who entered Trinity College up to and including 2017, separate moderatorship courses are available in earth sciences (see below), human genetics (see below), chemistry with molecular modelling (see below), medicinal chemistry (see below), nanoscience, physics and chemistry of advanced materials (see below), and political science and geography (see 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 Associate Dean of Undergraduate Science Education.<sup>14</sup>

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 sessions in the science programmes, 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 Associate Dean of Undergraduate Science Education not later than the end of the third week of Michaelmas teaching term.

7 Senior Freshman students must give notice to the Associate Dean of Undergraduate Science Education, 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.

8 Students should be aware that their choice of Junior and Senior Freshman subjects/modules can affect their choice of moderatorship.

#### *Attendance and course work*

9 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.

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<sup>14</sup>See also section I, §4 'Advanced entry'.

### *Field courses*

10 Students taking environmental sciences, 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.

11

### *Modules*

#### **Senior Freshmen – students who entered TR071 up to and including 2017**

Students choose modules from the following to a total of 60 credits as appropriate (see Table I – MODERATORSHIP PREREQUISITES):

BYU22201	Cell structure and function (5 credits)
BYU22202	Vertebrate form and function (5 credits)
BYU22203	Metabolism (5 credits)
BYU22204	Evolution (5 credits)
BYU22205	Microbiology (5 credits)
BYU22206	Ecosystem biology and global change (5 credits)
BYU22207	Behaviour (5 credits)
BYU22208	Genetics (5 credits)
BYU22209	Infection and immunity (5 credits)
BYU22010	Agriculture, environment and biotechnology (5 credits)
CHU22201	Chemistry 1 (10 credits)
CHU22202	Chemistry 2 (10 credits)
GGU22924	Physical geography – changing environments (10 credits)
GGU22925	Human geography – changing worlds (10 credits)
GLU22905	The dynamic Earth 1: rocks and evolution (10 credits)
GLU22906	The dynamic Earth 2: structure and microscopy (10 credits)
MAU22S01	Multivariable calculus for science (5 credits)
MAU22S02	Vector calculus for science (5 credits)
MAU22S03	Fourier analysis for science (5 credits)
MAU22S04	Mechanics (5 credits)
MAU22S06	Numerical and data analysis techniques (5 credits)
PYU22P10	Physics I (10 credits)
PYU22P20	Physics II (10 credits)

#### **Junior Sophisters – students who entered TR071 up to and including 2017**

One moderatorship subject is selected from the following to a total of 60 credits:

Biochemistry  
Chemistry  
Environmental sciences  
Genetics  
Geography  
Geology  
Immunology  
Microbiology  
Molecular medicine  
Neuroscience  
Physics  
Physics and astrophysics  
Physiology  
Plant sciences  
Zoology

12 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 §15).

13 **TABLE I** — MODERATORSHIP PREREQUISITES (applies to students who entered TR071 Science up to and including 2017)

<b>Moderatorship</b>	<b>Senior Freshman*</b>	<b>Junior Freshman*</b>
Biochemistry <sup>15</sup>	BYU22201, BYU22203, BYU22205, BYU22208	CH1101, CH1102, MA1S11 or MA1M01
Chemistry	CHU22201, CHU22202	CH1101, CH1102, MA1S11 or MA1M01
Environmental sciences	Four of the following: BYU22201, BYU22202, BYU22203, BYU22204, BYU22205, BYU22206, BYU22207, BYU22208, BYU22209, BYU22210	BY1101, BY1102
Genetics	BYU22201, BYU22203, BYU22205, BYU22208	BY1101, CH1101, CH1102, MA1S11 or MA1M01
Geography	GGU22924, GGU22925	GG1024 and/or GG1025
Geology	GLU22905, GLU22906	GL1101
Immunology <sup>15</sup>	BYU22201, BYU22203, BYU22205, BYU22208	CH1101, CH1102, MA1S11 or MA1M01
Microbiology	BYU22201, BYU22203, BYU22205, BYU22208	BY1101, CH1101, CH1102, MA1S11 or MA1M01
Molecular medicine <sup>15</sup>	BYU22201, BYU22203, BYU22205, BYU22208	CH1101, CH1102, MA1S11 or MA1M01
Neuroscience <sup>16</sup>	BYU22201, BYU22202, BYU22203, BYU22208	CH1101, CH1102, MA1S11 or MA1M01
Physics	PYU22P10, PYU22P20, MAU22S01, MAU22S02, MAU22S03, MAU22S04	PY1P10, PY1P20, MA1S11, MA1S12
Physics and astrophysics	PYU22P10, PYU22P20, MAU22S01, MAU22S02, MAU22S03, MAU22S04	PY1P10, PY1P20, MA1S11, MA1S12
Physiology <sup>16</sup>	BYU22201, BYU22202, BYU22203, BYU22208	MA1S11 or MA1M01

<sup>15</sup> Junior Freshman BY1101 is advisable.

<sup>16</sup> Junior Freshman BY1101 and BY1102 are advisable.



Plant sciences	Four of the following: BYU22201, BYU22202, BYU22203, BYU22204, BYU22205, BYU22206, BYU22207, BYU22208, BYU22209, BYU22010	BY1101 or BY1102
Zoology	BYU22201, BYU22202, BYU22203, BYU22208	BY1101, BY1102, MA1S11 or MA1M01

\*All module codes are subject to change and students will be informed of changes by email and on the science web site: <https://www.tcd.ie/science>.

14 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.

15 Advice on how to choose appropriate Freshman module combinations for the various moderatorships is given in the document '*Science TR071, Senior Freshman programme 2018-19*'.

#### *Examinations and assessment*

16 See GENERAL REGULATIONS AND INFORMATION.

#### *Moderatorship examination*

17 The Junior and Senior Sophister examinations constitute part I and part II of the moderatorship examination.

18 Various forms of teaching and learning are a feature of the Sophister years and formal lectures will not necessarily be given in every term.

19 The scheme of distribution of marks between papers and practical work at the moderatorship examination will be published by individual schools or departments/disciplines.

20 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 (2018-19)**

<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
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 30 per cent, Senior Sophister 70 per cent
Zoology	Junior Sophister 20 per cent, Senior Sophister 80 per cent

### *Subjects/modules*

## **Senior Freshmen – TR071 students who entered in 2017**

### 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.

BYU22201	Cell structure and function
BYU22202	Vertebrate form and function
BYU22203	Metabolism (prerequisite BYU22201)
BYU22204	Evolution
BYU22205	Microbiology
BYU22206	Ecosystem biology and global change
BYU22207	Behaviour
BYU22208	Genetics
BYU22209	Infection and immunity (prerequisites BYU22201, BYU22205)
BYU22010	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: CHU22201 and CHU22202. 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 are also developed in the Senior Freshman year through a module dealing with a number of key issues within contemporary human geography which exposes them to a range of methodological approaches and research techniques. 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 MAU22S01 and MAU22S03 are offered in the Michaelmas term, with modules MAU22S02, MAU22S04 and MAU22S06 in the Hilary term. MAU22S04 and MAU22S06 cannot be taken simultaneously.

MAU22S01 Multivariable calculus for science (5 credits, prerequisites MA1S11, MA1S12)

Vector-valued functions; functions of several variables; line integrals; multiple integrals

MAU22S02 Vector calculus for science (5 credits, prerequisites MA1S11, MA1S12, MAU22S01, MAU22S03)

Surface integrals, theorems of Green, Gauss and Stokes; partial differential equations

MAU22S03 Fourier analysis for science (5 credits, prerequisites MA1S11, MA1S12)

Linear algebra; Fourier series; ordinary differential equations; special functions

MAU22S04 Mechanics (5 credits, prerequisites MA1S11, MA1S12, MAU22S01, MAU22S03)

Motion under a central force; work and energy; rotating frames; Lagrangian mechanics

MAU22S06 Numerical and data analysis techniques (5 credits, prerequisites MA1M01 or MA1S11)

Probability, random variables, correlation, sampling, chi-squared fitting, Markov chains

#### PHYSICS

Tuition will consist of lectures, practicals and tutorials in physics at intermediate level. The module PYU22P10 classical physics includes lectures on oscillations, materials, electricity and magnetism, and thermodynamics. The module PYU22P20 modern physics includes lectures on special relativity, nuclear and particle physics, waves and optics, 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: MAU22S01, MAU22S02, MAU22S03 and MAU22S04.

#### Sophister courses – TR071 programme

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 60 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 literature review on a chosen topic. In the Senior Sophister year, students undertake a dissertation and 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).

#### 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 the 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 quantum mechanics I, electromagnetic interactions I, condensed matter I, condensed matter II, atomic and nuclear physics, dynamical systems, experimental techniques, with a choice of either computer simulation I or stellar and galactic structure. Students also take either the practical module of 20 credits or the practical module of 15 credits and a Broad Curriculum module of 5 credits. The practical modules combine set experiments of an advanced nature with a component of communication skills and career development.

Senior Sophister modules cover quantum mechanics II, high energy physics, condensed matter III, nanoscience, electro-magnetic interactions II, and modern optics. Students also take the module advanced topics in physics, in which they choose from a range of specialist topics, and complete a course in 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 quantum mechanics I, electromagnetic interactions I, condensed matter I, atomic and nuclear physics, computer simulation I, stellar and galactic structure, statistical thermodynamics and astrophysical spectroscopy, experimental techniques for astrophysics. Students also take either the practical module of 20 credits or the practical module of 15 credits and a Broad Curriculum module of 5 credits. The practical modules combine set experiments of an advanced nature, a component of communication skills and career development, and specialist computer training.

Senior Sophister modules cover quantum mechanics II, high energy physics, electromagnetic interactions II, modern optics, computer simulation III, planetary and space science, and cosmology. Students also complete a course in 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>17</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, angiosperm diversity and systematics, environmental dynamics, fundamentals of ecology, soil science, experimental design and

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<sup>17</sup>Prior to 2011-12 this Sophister option was called botany.



analysis, diversity of plant morphology, 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, or an entomology module, or an economic botany module.

Senior Sophisters take a mix of mandatory and optional modules in plant-environment interactions, plant community ecology, plant conservation and biodiversity, data analysis, plant-animal interactions, evolution of plants and plant-atmosphere interaction, restoration ecology and re-wilding, global environmental change and vegetation description and analysis, 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.

Normally, a mixture of continuous assessment and examinations are used to assess the modules and in most modules, practical notebooks and prescribed exercises form part of the assessment.

## 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

21 For students who entered the direct entry moderatorship course in earth sciences (TR077) up to and including 2017, the course 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.

22 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.

23 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*

#### **Senior Freshmen – TR077 students who entered in 2017**

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**

24 For students who entered the mentorship course in human genetics (TR073) up to and including 2017, it provides students with a strong foundation in biology, mathematics and chemistry, an introduction to major fields of genetics and specialised modules in human genetics.

25 The course differs from the mentorship 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. Human genetics will be available as a mentorship option through the TR060 biological and biomedical stream from 2018 onwards.

26 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.

27 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.

28 Students must meet the general requirements of the science course in order to rise with their year.

## *Modules*

### **Senior Freshmen – TR073 students who entered in 2017**

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**

29 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.

30 The degree is awarded under the regulations of the science course. In certain cases it may be possible for students to transfer from the TR071 Science course, as detailed below. Chemistry with molecular modelling will be available as a moderatorship option through the TR061 Chemical sciences stream from 2018 onwards.

31 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.

32 Students must meet the general requirements of the science course in order to rise with their year.

## *Modules*

### **Senior Freshmen - TR074 students who entered in 2017**

Chemistry modules CHU22201 and CHU22202, mathematics modules MAU22S01, MAU22S02 and MAU22S03 and either physics modules PYU22P10, PYU22P20 and mathematics module MAU22S04 or biology modules BYU22201, BYU22203, BYU22205, BYU22208 and mathematics module MAU22S06.

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

33 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.

34 The degree is awarded under the regulations of the science course. In certain cases it may be possible for students to transfer from the TR071 Science course, as detailed below. Medicinal chemistry will be available as a moderatorship option through the TR061 Chemical sciences stream from 2018 onwards.

35 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.

36 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.

37 Students must meet the general requirements of the science course in order to rise with their year.

### *Modules*

#### **Senior Freshmen - TR075 students who entered in 2017**

Medicinal chemistry students will take TR071 chemistry modules CHU22201 and CHU22202, biology modules BYU22201, BYU22203, BYU22205 and BYU22208, and the remaining 20 credits from the biology modules BYU22202, BYU22204, BYU22206, BYU22207, BYU22209, BYU222010 or the mathematics modules MAU22S01, MAU22S02, MAU22S03, MAU22S04 and MAU22S06.

## 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>18</sup>

38 The mentorship 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.

39 The course shares many lectures with those given for the mentorships 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. Nanoscience will be available as a mentorship option through the TR061 Chemical sciences stream and the TR063 Physical sciences stream from 2018 onwards.

40 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 mentorship 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.

41 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.

42 Students must meet the general requirements of the science course in order to rise with their year.

#### *Modules*

### Senior Freshmen

Chemistry modules CHU22201 and CHU22202, mathematics modules MAU22S01, MAU22S02, MAU22S03 and MAU22S04 and physics modules PY2N10, PY2N20. In addition, special tutorials/seminars will be given in nanoscience and advanced materials.

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<sup>18</sup>Prior to 2011-12 this course was called the Mentorship in Physics and Chemistry of Advanced Materials.

## Junior Sophisters

The Junior Sophister year consists of nine modules, with 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 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 includes lecture modules of 5 or 10 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. In addition, students complete a 5 credit problem-solving module, which will develop their problem-solving techniques in both physics and chemistry. In the Senior Sophister year students also complete an extended full-time research project (20 credits) during the Michaelmas term. The project is frequently carried out in an advanced industrial laboratory. 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 PHYSICS

(IN CONJUNCTION WITH THE UNIVERSITY OF SCIENCE AND TECHNOLOGY BEIJING)

43 Students admitted to this degree programme will have successfully completed the first two years of undergraduate study in physics at the University of Science and Technology Beijing (USTB) and enter the Junior Sophister year of the physics degree programme in Trinity College Dublin. Students follow the Junior and Senior Sophister years of the physics degree as prescribed in the School of Physics undergraduate handbook. Progression rules for students in the Sophister years of the degree programme are the same as for students who enter the programme via the TR063 entry stream. On passing the Junior and Senior Sophister years, students will receive a B.A. (Moderatorship) degree in Physics.

#### *Admission*

Students enrolled in the physics degree course at the University of Science and Technology Beijing who have successfully completed the first two years of study, as well as the physics course in the Chinese National College entrance examination, and satisfied other requirements, are eligible to apply for admission. The application procedure and all entry requirements stipulated by the articulation agreement between USTB and Trinity College Dublin are described in the School of Physics undergraduate handbook and on its website: [www.tcd.ie/physics](http://www.tcd.ie/physics).

### MODERATORSHIP IN POLITICAL SCIENCE AND GEOGRAPHY

44 For details see FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES.

### BACHELOR IN SCIENCE (HUMAN HEALTH AND DISEASE)

45 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 §7 below; Bachelor in Dental Science (B.Dent.Sc.), Bachelor in Dental Technology (B.Dent.Tech.); 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.)), 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.), Bachelor in Science (Pharmacy) (B.Sc. (Pharm.)).

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](#). See also ADMISSION REQUIREMENTS.

3 For further information see <https://www.tcd.ie/study/non-eu/undergraduate/>.

### *Students with disabilities*

4 Students with disabilities are encouraged to register with the [Disability Service](#) to seek supports where their disability could affect their ability to participate fully in all aspects of the course, including clinical and professional placements.

### *Placements*

5 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.

### *Garda/police vetting*

6 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 [National Vetting Bureau](#), or other relevant police

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



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*

7 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 normally 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 the Nursing and Midwifery Board of Ireland in the case of midwifery, nursing and children's and general nursing students.

#### *Credit for courses*

8 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*

9 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 See GENERAL REGULATIONS AND INFORMATION.

#### *Academic progress*

12 See GENERAL REGULATIONS AND INFORMATION and individual course entries.

#### *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.

### *Health screening and vaccination*

4 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 students to patients, all new entrants to the Faculty of Health Sciences in dental science must attend a registered general practitioner or the College Health Service and submit the completed required health screening and vaccination documents to the school prior to the first Friday in October to certify their vaccination status or immunity to tuberculosis, measles, mumps, rubella and chickenpox.

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. Students will not receive hepatitis B vaccination until they show evidence that they are negative for hepatitis B virus antigens. Students will not be permitted to commence practical clinical experience until they have received at least two doses of the hepatitis B vaccine. Complete details of the vaccination programmes and the blood borne viruses (BBV) policy must be adhered to and are communicated to applicants as part of the admissions process and are available from the school offices and websites. Students will also be advised to seek vaccination against influenza each year for the duration of their course of studies. Students who fail to complete the above requirements will be made withdrawn from their course of study and a re-admission fee may apply.

Advice for applicants who test positive for a BBV 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.

In the rare circumstances where during their studies a student acquires a BBV infection, their school will consider reasonable accommodations in accordance with statutory requirements.

Details of the management of students who become infected with a BBV during their course are outlined in the BBV policy. 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 their school office and consult a registered general practitioner or the College Health Service 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.

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 Faculty of Health 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. All costs associated with tests for health screening and vaccination must be met by the student.

### DEGREE OF BACHELOR IN DENTAL SCIENCE (B.Dent.Sc.)

5 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.

#### *Advanced entry*

6 Subject to there being vacancies, advanced entry into the second 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*

7 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*

8 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, pass the multistation practical in third year, 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.

Where students fail to achieve a cumulative pass in the written assessments they will be required to be reassessed and pass in a further examination. Where students fail to pass the Trinity term OSCE in third or fourth year, or the multistation practical in third year, they will be required to be reassessed and pass in a further examination. 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. If a student

defers any examination to the reassessment session and subsequently fails that examination, they will have to repeat that year in full and pay full fees.

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*

9 See GENERAL REGULATIONS AND INFORMATION. It should be noted that, due to the clinical nature of the programme, it is not possible to repeat any year of the programme 'off-books'.

Students may not repeat any academic year more than once and may not repeat more than two academic years of the course. 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*

10 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*

11 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 handbooks.

#### *Final dental examination*

12 To be admitted to the final examination students must have satisfactorily completed their portfolios 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 be deemed to have failed the year but may proceed to reassessment provided they have satisfactorily completed the prescribed programme of clinical and tutorial sessions.

Students who attempt the final examination and are unsuccessful in passing all three divisions of the examination must present for reassessment in each failed division. Should the student fail to pass the reassessment 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.

Students must pass all three divisions of the final examination not later than the reassessment 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.)**

13 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*

14 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*

15 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.

If a student defers any examination to the reassessment session and subsequently fails that examination, they will have to repeat that year in full and pay full fees.

### *Final examination*

16 To be admitted to the final examination students must have (i) 75 per cent (for first sitting) or 100 per cent (for reassessment 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 be assessed at the reassessment session 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 be reassessed. 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 reassessment 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*

17 See GENERAL REGULATIONS AND INFORMATION. It should be noted that, due to the technical nature of the programme, it is not possible to repeat any year of the programme 'off-books'.

## **DIPLOMA IN DENTAL HYGIENE**

18 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*

19 The total ECTS credits for the Diploma in Dental Hygiene are 120, 60 ECTS per year of the course. Module details can be found in the course handbook.

### *Academic progress*

20 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 be re-examined at the reassessment session. If a student defers any examination to the reassessment session and subsequently fails that examination, they will have to repeat that year in full and pay full fees.

In order to pass year 2 students must pass the final year examination.

### *Final year examination*

21 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 end-of-semester sitting of the final examination but may be assessed at the reassessment session, 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 reassessment. Reassessment 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 reassessment 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) be re-examined 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 final year reassessment session students must have completed all the prerequisite requirements by the end of October.

### *Repetition of year*

22 Provided that a serious attempt has been made at the end-of-semester and reassessment sessions, 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. It should be noted that, due to the clinical nature of the programme, it is not possible to repeat any year of the programme 'off-books'.

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**

23 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*

24 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*

25 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, and continuous clinical assessments reports. Students are required to attend compulsory training for infection prevention and control, and must complete and pass the infection prevention control competencies and the practical management of clinics competencies prior to commencing clinics in Hilary Term. Students must also complete and pass all components of the basic life support for the healthcare provider training. Students must have satisfactory levels of clinical attendance.

Where students fail to obtain an overall pass grade, they will be required to be re-examined and pass 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. If a student defers any examination to the reassessment session and subsequently fails that examination, they will have to repeat that year in full and pay full fees.

In order to pass year 2 students must pass the final year examination.

#### *Final year examination*

26 To be admitted into the final year examination part A and part B, students must have satisfactorily achieved the appropriate level of attendance (didactic, laboratory, tutorial and clinical, for both internal and external clinical placements) and successfully completed the continuous clinical assessments, clinical logbook, and the portfolio of experience. Students who have not completed these requirements will not be admitted to the end-of-semester sitting of the final examination but may be assessed at the reassessment session provided students have successfully completed the outstanding components and a prescribed programme of remedial clinical placements and tutorials.

The final year examination (part A and part B) consists of four components of assessment:

Final written examination (part A)

Objective structured clinical examination (OSCE) (part A)

Case study written report (part A)

Case study oral presentation to include a *viva voce* examination (part B)

Students who attempt the final examination and are unsuccessful must present for reassessment. Candidates for reassessment who are repeating the final examination or part thereof are not eligible to be awarded a distinction in the diploma.

Students must pass all sections of the final examination not later than the reassessment 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*

27 Provided that a serious attempt has been made at the end-of-semester examinations and at the reassessment session, 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. It should be noted that, due to the clinical nature of the programme, it is not possible to repeat any year of the programme 'off-books'.

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

28 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*

29 This twelve month course with workplace based training carries 60 ECTS. Module details can be found in the course handbook.

### *Academic progress*

30 Students will not be permitted to commence the workplace training until they have completed the initial training (core course) and passed the related assessments. The workplace training will be evaluated using a portfolio of experience consisting of the completion of a logbook, case presentations, and written assignments. There will also be continuous assessment in the form of written examinations and assessment of clinical performance. If a student defers any examination to the reassessment session and subsequently fails that examination, they will have to repeat that year in full and pay full fees.

### *Final examination*

31 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 end-of-semester sitting of the final examination but may be assessed at the reassessment session, provided they have completed these requirements.

### *Repetition of year*

32 Students who fail the final examination will be offered an opportunity to be reassessed. Students who fail at the reassessment session may be required to repeat the year or withdraw. It should be noted that, due to the clinical nature of the programme, it is not possible to repeat the programme 'off-books'.

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**

The School of Medicine provides healthcare education to train clinicians and allied health practitioners. Details of the health screening and vaccination requirements for students in the following courses: medicine, occupational therapy, physiotherapy, radiation therapy, and human nutrition and dietetics are as follows:

### *Health screening and vaccination*

1 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 students to patients, all new entrants to the Faculty of Health Sciences in medicine, occupational therapy, physiotherapy, radiation therapy, and human nutrition and dietetics<sup>2</sup> must attend a registered general practitioner or the College Health Service and submit the completed required health screening and vaccination documents to their relevant school/department prior to the first Friday in October to certify their vaccination status or immunity to 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

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<sup>2</sup>Admission to the joint TCD/DIT Degree of Bachelor in Science (Human Nutrition and Dietetics) is managed by Dublin Institute of Technology (DIT). Students must register with DIT and TCD and must ensure that they meet with the requirements of the School of Medicine health screening and vaccination policy.



negative but not already deemed to be immune to hepatitis B will be required to undergo a course of vaccination. Complete details of the vaccination programmes and the blood borne viruses (BBV) policy must be adhered to and are communicated to applicants as part of the admissions process (in the health screening and vaccination information booklet) and are available from the school offices and websites. Students will also be advised to seek vaccination against influenza each year for the duration of their course of studies. Students who fail to complete the above requirements will be made withdrawn from their course of study and a re-admission fee may apply.

In the rare circumstances where during their studies a student acquires a BBV infection, their school will consider reasonable accommodations in accordance with statutory requirements. Details of the management of students who become infected with a BBV during their course are outlined in the BBV policy. 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 their school office and consult a registered general practitioner or the College Health Service 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.

Advice for applicants who test positive for a BBV 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 continue with their course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply. 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 University will only admit and retain students that it can reasonably accommodate who are positive with a BBV at any one time. If the University 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.

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 Faculty of Health 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. All costs associated with tests for health screening and vaccination must be met by the student.

#### DEGREES OF BACHELOR IN MEDICINE (M.B.), BACHELOR IN SURGERY (B.Ch.) AND BACHELOR IN OBSTETRICS (B.A.O.)

##### *Professional lectures and clinical instruction*

2 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.

3 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.

4 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 module exemption will only be granted in exceptional circumstances.

5 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 are detailed and written instructions will be provided 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.

6 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 permit the student to attend hospital/general practice clinical sessions by their relevant authorities or the Executive Committee of the School of Medicine.

### *Fees*

7 See COLLEGE CHARGES.

### *Intercalated M.Sc. for medical students*

8 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*

9 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 first sitting of the 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 first sitting of the 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 assessment*

10 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. 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.

#### *Health screening and vaccination*

11 All students entering the medicine course must satisfy the health screening and vaccination procedure of the School of Medicine (see SCHOOL OF MEDICINE, §1).

### **Year 1**

#### *Modules*

12 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) Medicine, health 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.

13 The subjects which contribute to these modules include: 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 and assessment*

14 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 the reassessment period. Detailed information is given in the study guide for the year. Reassessment is held in the reassessment period.

### **Year 2**

#### *Admission*

15 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*

16 There are seven modules in the second medical year accruing 60 credits in total. These are: (1) Infection and immunity (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) Molecular mechanisms of disease and personalised medicine (10 credits), (7) Fundamentals of clinical and professional practice (10 credits).

17 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 and assessment*

18 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. Reassessment for written examinations and clinical skills will be held in the reassessment 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*

19 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 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*

20 Students must attend hospital as scheduled in order to meet the requirements for entry into the semester two 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 or service

- 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.

21 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*

22 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 (30 credits), (4) Advanced clinical and professional practice (10 credits), (5) Principles and practice of evidence based medicine and elective practice 1 (5 credits).

#### *Subjects of study*

23 The subjects of study include:

- 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*

24 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 be reassessed in the reassessment 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. Students who fail, or are absent from, the clinical component of the examination in any subject will be required to repeat the written and clinical components of that subject, even if they have previously passed the written component.

#### **Year 4**

##### *Admission*

25 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*

26 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*

27 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) Medical jurisprudence, ethics and professionalism (10 credits), (6) Professionalism in clinical practice (5 credits), (7) Elective practice 2 (5 credits).

##### *Subjects of study*

28 The subjects of study include:

Paediatrics and child health

Psychiatry  
Obstetrics and gynaecology  
Public health, primary care and epidemiology  
Jurisprudence  
Ethics  
Medical humanities  
Professional development

Planned elective experience must be approved by the school in advance.

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 professionalism*

29 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. Reassessment is held in the reassessment period. Students who fail, or are absent from, the clinical component of the examination in any subject will be required to repeat the written and clinical components of that subject, even if they have previously passed the written component.

#### *Final medical examination, part*

##### *II. Obstetrics and gynaecology*

30 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. Reassessment is held in the reassessment period. Students who fail, or are absent from, the clinical component of the examination in any subject will be required to repeat the written and clinical components of that subject, even if they have previously passed the written component.

#### *Final medical examination, parts*

##### *III. (a) Medicine/psychiatry (including therapeutics); III. (b) Paediatrics and child health*

31 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. Reassessment is held in the reassessment period. Students who fail, or are absent from, the clinical component of the examination in any subject will be required to repeat the written and clinical components of that subject, even if they have previously passed the written component.

## **Year 5**

### *Admission*

32 In order to enter the fifth medical year, students must have obtained credit for all the modules of the previous medical year.

33 The fifth medical year begins on 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*

34 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 and intern shadowing (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.

35 Attendance at the clinical attachment programme including lectures, tutorials and practical sessions is mandatory. Poor attendance may preclude students from entering final examinations.

36 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*

37 The subjects include:

- 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.

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, or are absent from, 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.

<b>Degree</b>	<b>B.A.O.</b>	<b>M.B.</b>		<b>B.Ch.</b>
<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.			

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.

Gold medals and prizes are awarded by the Board of the College to eligible candidates who have shown exceptional merit (see [www.tcd.ie/academicregistry/exams](http://www.tcd.ie/academicregistry/exams)).

#### *Admission to examination*

38 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 reassessment 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 re-sit all components, including both clinical and written components, 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.

All students taking the final examination at the reassessment period are required to satisfy the requirements for entry to the final medical examination indicated in this section.

#### II OBSTETRICS AND GYNAECOLOGY

39 Students must have completed the final medical examination in obstetrics and gynaecology in the fourth medical year.

#### III (a) MEDICINE/PSYCHIATRY (INCLUDING THERAPEUTICS); (b) PAEDIATRICS AND CHILD HEALTH

40 Students are admitted to the final medical examination in medicine on condition that they have satisfactorily completed the following requirements:

- satisfactory attendance at recognised general and specialist hospitals;
- satisfactory attendance for clinical instruction on a specialist rotation in psychiatry at a hospital recognised by the school;
- 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)

41 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*

42 The following hospitals and units are recognised for clinical practice and assessment:

Blackrock Clinic  
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  
Nobles Hospital, Isle of Man  
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*

43 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.

44 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*

45 Students, on receiving their medical qualifications *in absentia* or via attendance at Commencements, 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 HBS 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 <http://www.hse.ie>.

### *Approved hospitals*

46 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*

47 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*

48 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 DSE 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*

49 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 jurisdiction. 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.))**

50 A full-time, four-year course of honor standard leading to a degree of Bachelor in Science in Occupational Therapy.

### *Fees*

51 See COLLEGE CHARGES.

### *Health screening and vaccination*

52 All students entering the occupational therapy course must satisfy the health screening and vaccination procedure of the School of Medicine (see SCHOOL OF MEDICINE, §1).

### *Garda/police vetting*

53 All students entering the occupational therapy course must satisfy the requirement for garda/police vetting (see FACULTY OF HEALTH SCIENCES, GENERAL FACULTY REGULATIONS).

### *Academic progress*

54 The course consists of four academic years. Students are required, for professional qualification, to participate in and achieve the requisite level of competence in all academic and professional practice education in keeping with the required statutory regulation standards of CORU Occupational Therapists Registration Board, and the professional accreditation standards of the Association of Occupational Therapists in Ireland (AOTI) on behalf of the World Federation of Occupational Therapists (WFOT). The mandatory 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 end-of-semester 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 (AOTI and WFOT). 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 must reach the required competencies for each of the four placements completed across the four years of the course. If a student fails one placement, she/he may be permitted to repeat the placement; however only one attempt at a repeat placement is permitted. If that repeat placement is failed, or if any further placements are failed over the four years of the course, the student will be excluded from the course.

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. From the year 2020-21 the Junior Sophister year will contribute 30 per cent and the Senior Sophister year 70 per cent to the calculation of the overall degree result.

#### *Examinations and assessment*

55 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. Compensation and progression rules, as per GENERAL REGULATIONS AND INFORMATION, will be applied in the Junior Freshman and Senior Freshman years. 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 and modules that are non-compensatable. A fail in practice education is not compensatable in the Junior Freshman and Senior Freshman years.

56 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.

### **Junior Freshmen**

#### *Modules*

57 The modules of the Junior Freshman year are study of occupation (10 credits), professional development (10 credits), introduction to psychology (5 credits), developmental psychology (5

credits), applied anatomy for occupational therapy (10 credits), anatomy of upper limb and back (5 credits), biological sciences underpinning health and wellness (10 credits), Junior Freshman practice education (5 credits).

#### *Examinations and assessment*

58 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.

59 Students who fail at the reassessment period, 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**

60 Students who have obtained credit for the Junior Freshman year of the course may enter the Senior Freshman year.

#### *Modules*

61 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), Senior Freshman practice education (5 credits), social and personality psychology (5 credits), conditions in occupational therapy adult physical and children (5 credits), adult mental health (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 and assessment*

62 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.

### **Junior Sophisters**

63 Students who have obtained credit for the Senior Freshman year of the course may enter the Junior Sophister year.

#### *Modules*

64 The modules of the Junior Sophister year are study of occupation (5 credits), social policy concepts (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 (10 credits), research methods (5 credits), health psychology (5 credits), occupational therapy for children (5 credits) and Junior Sophister practice education (10 credits).

#### *Examinations and assessment*

65 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.

### **Senior Sophisters**

66 Students who have obtained credit for the Junior Sophister year of the course may enter the Senior Sophister year.

#### *Modules*

67 The modules of the Senior Sophister year are social policy analysis (5 credits), study of occupation (5 credits), contemporary issues in occupational therapy (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*

68 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-two 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-one 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 reassessment period.

69 The final examination involves seven areas: social policy, disability studies, study of occupation, contemporary issues in occupational therapy, 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.

### **ONE-YEAR COURSE IN OCCUPATIONAL THERAPY, IN CONJUNCTION WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY**

70 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*

71 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*

72 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*

73 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*

74 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 CORU, the Irish Society for Chartered Physiotherapists (ISCP) and the World Confederation for 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*

75 See COLLEGE CHARGES.

### *Health screening and vaccination*

76 All students entering the physiotherapy course must satisfy the health screening and vaccination procedure of the School of Medicine (see SCHOOL OF MEDICINE, §1).

### *Academic progress*

77 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. Compensation across modules is not permitted. See GENERAL REGULATIONS AND INFORMATION.

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.

## **Junior Freshmen**

### *Modules*

78 The modules of the Junior Freshman year include anatomy (20 credits); clinical anatomy (10 credits); physics (5 credits); chemistry (5 credits); physiology (20 credits).

### *Examinations and assessment*

79 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 value.

The reassessment session is held during Michaelmas term.

### **Senior Freshmen**

80 Students who have obtained credit for the Junior Freshman year of the course may enter the Senior Freshman year.

### *Clinical practice*

81 Formal 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.

### *Modules*

82 The modules of the Senior Freshman year are anatomy (10 credits); clinical sciences (5 credits); professional issues I (5 credits); cardiovascular and respiratory systems (10 credits); neurology systems (10 credits); musculoskeletal systems (10 credits); exercise medicine I (5 credits); practice education I (5 credits).

### *Examinations and assessment*

83 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 value.

The preparation for clinical practice module and clinical placement are assessed by the clinical appraisal form.

Reassessment in the practical assessments is held prior to students commencing clinical placement. Other reassessments are held during Michaelmas term. 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**

84 Students who have obtained credit for the Senior Freshman year of the course may enter the Junior Sophister year.

### *Modules*

85 The modules of the Junior Sophister year are practice education II (20 credits); scientific investigation I (10 credits); paediatrics and learning disability (5 credits); psychology (5 credits); professional issues II (5 credits); exercise medicine II (5 credits); rehabilitation specialist I (5 credits); rehabilitation specialist II (5 credits). Subjects in rehabilitation specialist I and II are

oncology, gerontology, mental health, gender health, amputee, spinal injuries, head injuries, burns.

#### *Examinations and assessment*

86 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 value.

Clinical placement is assessed by the clinical appraisal form.

The reassessment session is held during Michaelmas term.

#### **Senior Sophisters**

87 Students who have obtained credit for the Junior Sophister year of the course may enter the Senior Sophister year.

#### *Modules*

88 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*

89 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 value. 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. For students who enter the programme from 2018-19 onwards, the Junior Sophister and Senior Sophister results will contribute 30 percent and 70 percent of the degree result respectively.

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 reassessment 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.

90

#### *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.

DEGREE OF BACHELOR IN SCIENCE IN PHYSIOTHERAPY (B.Sc. (Physio.))  
(JOINTLY AWARDED WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY)

*Introduction*

91 The Bachelor in Science in Physiotherapy prepares students for a professional career in physiotherapy and enables them to enter professional practice in various physiotherapy specialties including cardiopulmonary, musculoskeletal, sports, neurological and geriatric physiotherapy, as well as women's and paediatric health. Physiotherapists work in diverse settings that include hospitals, specialist centres, private practice, sports organizations, schools, community rehabilitation settings, nursing homes, and other voluntary work organizations. The Trinity/SIT programme provides a balanced education in the related areas of human anatomy, medical science, social science and physiotherapy practice, with emphasis on promoting evidence-based practice and clinical reasoning development.

The joint physiotherapy programme aims to produce graduates who are theoretically-grounded and clinically-oriented to practice autonomously in the different specialties of physiotherapy. It also aims to provide graduates with the education that will enable them to meet the regulatory requirements of the Allied Health Professions Act 2011 (Singapore).

The course is delivered in Singapore through the collaborative partnership between the Singapore Institute of Technology (SIT) and Trinity College Dublin. Unless otherwise stated, students are bound by the academic and disciplinary regulations and practices within the Singapore Institute of Technology. Students should refer to the SIT handbook of regulations for further information.

*Admission requirements*

Admissions criteria and assessment methods.

*Course requirements*

Prerequisites for minimum intake quality:

A-Level prerequisites:

Grade A-C in two of the following H2 subjects: biology, chemistry, physics and mathematics.

Polytechnics:

An approved diploma from a polytechnic in Singapore. Minimum GPA of 2.8.

International baccalaureate prerequisites:

A grade 5 in two of the following: HL chemistry, HL biology and HL physics.

National University of Singapore High School Diploma prerequisites:

Major cumulative average point (CAP) of at least of at least 3.0 in two of the following: biology, chemistry, physics and mathematics; and at least 1.0 in the English programme.

Satisfactory criteria from interviews.

### *Course structure*

This is a four-year full time course consisting of core modules as well as dissertation and clinical practice. Each year is divided into three trimesters as outlined below.

#### **Year 1**

The modules of the first year are anatomy and physiology 1 (10 credits), health systems - Singapore's perspectives (5 credits), psychological and sociological perspectives for health sciences (5 credits), physics in biology and medicine (5 credits), anatomy and physiology 2 (10 credits), kinesiology and functional anatomy (upper quadrant) (5 credits), musculoskeletal physiotherapy (upper quadrant) (5 credits), electrophysical agents (5 credits), kinesiology and functional anatomy (lower quadrant) (5 credits), musculoskeletal physiotherapy (lower quadrant) (5 credits).

#### **Year 2**

The modules of the second year are musculoskeletal physiotherapy (spine) (5 credits), neurobiology (5 credits), exercise physiology (5 credits), cardiopulmonary physiotherapy (5 credits), health promotion and population health (5 credits), research methods and statistics (10 credits), foundation of neurological physiotherapy (5 credits), cardiopulmonary rehabilitation (5 credits), pathophysiology and pharmacology (5 credits), chronic diseases and rehabilitation (5 credits), enhancing human performance by exercise (5 credits).

#### **Year 3**

The modules of the third year are advanced topics in neurological physiotherapy (5 credits), system support (10 credits), physiotherapy across lifespan - child and maternal health (5 credits), clinical exercise prescription (5 credits), scientific investigation and writing (5 credits), professionalism, ethics and legal aspects of healthcare (5 credits), physiotherapy across lifespan (older adults) (5 credits), creative thinking and innovation in healthcare (5 credits), clinical practice education (25 credits).

#### **Year 4**

The modules of the fourth year are clinical practice education (15 credits), health systems - global perspectives (5 credits), change management (5 credits), dissertation (20 credits), professional and interprofessional education (5 credits). Supplemental clinical placement or 15 weeks break.

### **ONE-YEAR COURSE IN PHYSIOTHERAPY, IN CONJUNCTION WITH THE SINGAPORE INSTITUTE OF TECHNOLOGY**

92 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*

93 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*

94 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*

95 Academic regulations which apply to the degree of Bachelor in Science (Physiotherapy) (B.Sc. (Physio.)) 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>3</sup>*

96 A full-time four-year course of honor standard leading to a degree of Bachelor in Science in Radiation Therapy.

97 Some clinical teaching will take place outside normal working hours. In the Senior Freshman, Junior Sophister and Senior Sophister years 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.

98 Students are required to register at the beginning of the course with the Irish and European Professional Bodies in respect of the professional component of the degree.

#### *Health screening and vaccination*

99 All students entering the radiation therapy course must satisfy the health screening and vaccination procedure of the School of Medicine (see SCHOOL OF MEDICINE, §1).

#### *Academic progress*

100 Students must attend lectures regularly and are required to attend all practical and clinical related sessions and perform and submit the assessments 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.

101 Clinical competence is central to this degree and therefore attendance on clinical placement is mandatory and is in keeping with the standards of CORU Radiographers Registration Board required for professional qualification. 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, code of conduct and to submit evidence of registration prior to attendance of clinical placement.

102 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 or whose professional or personal conduct is deemed by the head of discipline and/or head of clinical education to bring the discipline of radiation therapy into disrepute, 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.

103 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.

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<sup>3</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.

### *Examinations and assessment*

104 End-of-semester examinations are normally held during the defined examination periods. The Senior Sophister final examination may take place outside of the defined examination periods. Students who are unsuccessful will be required to present themselves for reassessment 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.

105 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. 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. Students should refer to the student handbook for further details on the criteria to pass individual modules.

106 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. There is limited compensation within modules across the programme permissible at the discretion of the court of examiners.

107 In each year of the course, students who do not pass must be reassessed in all modules in which they did not achieve a passing grade by taking such assessment components as required during the reassessment period. The same progression and compensation regulations apply at the reassessment session, though the assessment methods may differ.

108 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*

109 *Academic component:* The modules of the Junior Freshman year are from molecule to cell, chemistry for life sciences, anatomy I, physics for radiation therapy I and II, principles and practice of cancer care I and psychology and communication I.

*Clinical practice:* Observation and practice in a recognised clinical setting.

##### *Examination*

110 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:

- From molecule to cell (10 credits)
- Chemistry for life sciences (10 credits)
- Anatomy I (15 credits)
- Physics for radiation therapy I (5 credits)
- Physics for radiation therapy II (5 credits)
- Principles and practice of cancer care I (5 credits)
- Psychology and communication I (5 credits)
- Clinical practice (5 credits)

#### **Senior Freshmen**

##### *Modules*

111 *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*

112 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 (10 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 (10 credits)

### **Junior Sophisters**

#### *Modules*

113 *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:* Clinical practice in the radiotherapy department of an approved hospital. Some of this will take place outside term time.

#### *Examination*

114 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*

115 *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:* Clinical practice in a radiotherapy department of an approved hospital. Some of this may take place outside term time.

#### *Examination*

116 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)

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

118 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 modules in Dublin, and in SIT, with some modules 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*

119 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*

120 Students are required to complete all modules delivered in the year, which are radiotherapy in practice (15 credits), research methodology and dissertation (15 credits), treatment planning 1 – introduction to treatment planning (5 credits), specialised clinical practice (5 credits), global health and service development (10 credits), leadership and management (5 credits), treatment planning 2 – advanced treatment plan evaluation (5 credits).

### *Regulations*

121 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*

122 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.

123 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.

124 The course is conducted conjointly by the Dublin Institute of Technology and the University of Dublin.

#### *Admission*

125 Full details of admission requirements and procedures may be obtained from the Admissions Office, [Dublin Institute of Technology](#), Rathdown House, Grangegorman, Dublin 7, before the C.A.O. deadline of the intended year of entry.

#### *Fees*

126 See COLLEGE CHARGES.

#### *Academic progress*

127 A limited number of applicants for advanced entry may be exempted from the modules and examinations of the Junior Freshman year.

128 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.

129 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*

130 The modules of the Junior Freshman year are biochemistry and molecular biology, evidence based practice, food studies, infection and immunity, introduction to professional practice and communication, nutrition science 1, nutrition through the lifecycle 1, physiology 1 - introduction to anatomy, physiology and histology, physiology 2 - organ systems, and practice placement A.

#### *Examinations and assessment*

131 Examinations are held in biochemistry and molecular biology, evidence-based practice, food studies, infection and immunity, introduction to professional practice and communication, nutrition science 1, nutrition through the lifecycle 1, physiology 1 - introduction to anatomy, physiology and histology, and physiology 2 - organ systems. All modules will also be assessed by continuous assessment and/or practical work.

132 Students failing a module or modules should refer to the examination and assessment regulations of the institute listed as module co-ordinator, Dublin Institute of Technology or Trinity College.

### **Senior Freshmen**

#### *Modules*

133 The modules of the Senior Freshman year are biochemistry of metabolism, clinical chemistry, introduction to dietetics, nutrition science 2, pathophysiology, physiology 3 - control and integrative physiology, professional practice and professional communication, research methods 1 - nutritional epidemiology, and practice placement B.

#### *Examinations and assessment*

134 Examinations are held in biochemistry of metabolism, clinical chemistry, introduction to dietetics, nutrition science 2, pathophysiology, physiology 3 - control and integrative physiology,

professional practice and professional communication, and research methods 1 - nutritional epidemiology. All modules will also be assessed by continuous assessment and/or practical work.

135 Students failing a module or modules should refer to the examination and assessment regulations of the Dublin Institute of Technology.

### **Junior Sophisters**

#### *Modules*

136 The modules of the Junior Sophister year are applied nutrition, applied nutrition and metabolism, clinical laboratory science, dietetics 1, dietetics 2, management, medicine and therapeutics, and professional practice and development.

#### *Examinations and assessment*

137 Examinations are held in applied nutrition, applied nutrition and metabolism, clinical laboratory science, dietetics 1, dietetics 2, management, medicine and therapeutics, and professional practice and development. All modules will also be assessed by continuous assessment and/or practical work.

138 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.

### **Senior Sophisters**

#### *Modules*

139 The modules of the Senior Sophister year are advanced nutrition and dietetics, research methods 2 - data analysis and interpretation, research project, and practice placement C.

140 The practice placement period is of fourteen weeks' duration, followed by a consolidation period.

141 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 or in institutions outside Europe with which exchange agreements have been made.

#### *Examinations and assessment*

142 Examinations are held in the practice of dietetics and in the practice of nutritional science. All modules will also be assessed by continuous assessment.

143 The research project will be assessed by examination of the undergraduate dissertation and by assessment of a presentation and defence of the research findings.

144 Performance in modules taken in years 3 and 4 contribute to the marks that determine the grade of the final degree award.

145 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>4</sup>*

146 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

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<sup>4</sup>These regulations should be read in conjunction with GENERAL REGULATIONS AND INFORMATION.



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*

147 See COLLEGE CHARGES.

#### *Academic progress*

148 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.

#### *Examinations and assessment*

149 Details of the structure and marking of examinations are made available to students at the beginning of each academic year. See also GENERAL REGULATIONS AND INFORMATION.

### **Junior Freshmen**

#### *Modules*

150 Compulsory modules for the Junior Freshman year are the molecular and cellular basis to life (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*

151 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 the molecular and cellular basis to life, human tissue types and human developmental biology cannot be passed by compensation.

### **Senior Freshmen**

#### *Modules*

152 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*

153 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 in the GENERAL REGULATIONS AND INFORMATION. The human body-structures and systems 1 and 2 module cannot be passed by compensation.

### **Junior Sophisters**

#### *Modules*

154 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 (5 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 (10 credits) and signal transduction and gene regulation (5 credits).

#### *Examination*

155 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.

### **Senior Sophisters**

#### *Modules*

156 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*

157 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.

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*

158 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.

#### *Health screening and vaccination*

159 All students entering the diagnostic radiography course must satisfy the health screening and vaccination procedure of the School of Medicine (see SCHOOL OF MEDICINE, §1).

#### *Professional lectures*

160 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 end-of-semester 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*

161 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 and assessment*

162 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 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 reassessment session 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. The same progression regulations apply at the reassessment 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 reassessment session 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**

163 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**

164 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

165 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

166 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 for nursing and midwifery students, 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 for nursing and midwifery students 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 School of Nursing and Midwifery 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.

#### *Health screening and vaccination*

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 the Nursing and Midwifery Board of Ireland 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 mental health nursing leading on successful completion to registration with the Nursing and Midwifery Board of Ireland as a mental health 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 the Nursing and Midwifery Board of Ireland 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 the Nursing and Midwifery Board of Ireland 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 examinations (theoretical and/or practical) at the reassessment session, has failed any of the assessments at that session, 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 complete semester two 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 the Nursing and Midwifery Board of Ireland.

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.

Students who are incomplete for the clinical placement module of the Senior Sophister year by 30 November are not permitted to complete their degree programme within the academic year. These students' final results will not be published until the next sitting of the annual court of examiners and may be eligible to pay a College fee. Students will not be eligible to register with the Nursing and Midwifery Board of Ireland until after their final results have been published.

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. A revised curriculum will be implemented in September 2018 for entrants in the 2018 intake and intakes thereafter.

**For students who entered the four year B.Sc. (Nursing) in September 2018**, the ECTS credits for each module are listed in brackets below.

### Junior Freshmen (2018 curricula)

#### GENERAL NURSING

Biological sciences underpinning health and wellbeing (10 credits); health promotion, essential knowledge for skills and practice (10 credits); psychosocial foundations for care (10 credits); foundations for professional practice (10 credits); introduction to general nursing in acute care settings (10 credits); general nursing 'care across the lifespan' (10 credits). Total credits for the year: 60

#### MENTAL HEALTH NURSING<sup>5</sup>

Biological sciences underpinning health and wellbeing (10 credits); health promotion, essential knowledge for skills and practice (10 credits); psychosocial foundations for care (10 credits); foundations for professional practice (10 credits); understanding mental health, distress and illness and approaches to care (10 credits); psychotherapeutic skills and the recovery approach within mental health practice (10 credits). Total credits for the year: 60

#### INTELLECTUAL DISABILITY NURSING

Biological sciences underpinning health and wellbeing (10 credits); health promotion, essential knowledge for skills and practice (10 credits); psychosocial foundations for care (10 credits); foundations for professional practice (10 credits); foundations of person centred intellectual disability nursing practice (10 credits); principles of intellectual disability nursing across the lifespan (10 credits). Total credits for the year: 60

#### CHILDREN'S AND GENERAL NURSING

Biological sciences underpinning health and wellbeing (10 credits); health promotion, essential knowledge for skills and practice (10 credits); psychosocial foundations for care (10 credits); foundations for professional practice (10 credits); introduction to general nursing in acute care settings (10 credits); general nursing 'care across the lifespan' (10 credits); foundation in children's nursing practice (10 credits). Total credits for the year: 70

**For students who entered the B.Sc. (Nursing) course prior to September 2018**, the ECTS credits for each module are listed in brackets below.

### 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>5</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

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<sup>5</sup>The Psychiatric Nursing strand was renamed Mental Health Nursing in 2014-15.

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>5</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

#### 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>5</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: 45

#### *Examinations and assessment*

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.

*Theoretical component:* The theoretical component of the course is assessed by a variety of assessment types.

*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 students who entered the strands in general nursing, mental health nursing and intellectual disability nursing in 2014-15, and thereafter, 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.

The calculation of the final degree result for students who entered the strands in general nursing, mental health nursing and intellectual disability nursing in 2018-19, and thereafter, will be based on the combined results of the Sophister years only with the Junior Sophister year contributing 30 per cent and the Senior Sophister year contributing 70 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*

Supernumerary practice placement for nursing courses in Junior Freshman, Senior Freshman and Junior Sophister years will take place throughout each year as per published year planner. Practice placements for the Senior Sophister year will consist of a supernumerary practice placement(s) in Michaelmas term, and a nine-month internship commencing in Hilary term. Students will be remunerated accordingly by the relevant health service provider during internship placement.

#### *Children's and general nursing integrated course*

Supernumerary practice placement for children's and general nursing integrated course in Junior Freshman, Senior Freshman and Junior Sophister years will take place throughout each year as per published year planner. Practice placements for the Senior Sophister year will consist of supernumerary practice placement(s) in Michaelmas and Hilary terms with a nine-month internship starting at the end of semester two assessment 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 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 nurses and midwives register maintained by the Nursing and Midwifery Board of Ireland 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 taking examinations at the reassessment session (theoretical and/or practical), has failed any of the assessments at that session, 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 nurses and midwives register maintained by the Nursing and Midwifery Board of Ireland. 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 complete semester two assessments. 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.

Students who are incomplete for the clinical placement module of the Senior Sophister year by 30 November are not permitted to complete their degree programme within the academic year. These students' final results will not be published until the next sitting of the annual court of examiners and may be eligible to pay a College fee. Students will not be eligible to register with the Nursing and Midwifery Board of Ireland until after their final results have been published.

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. A revised curriculum will be implemented in September 2018 for entrants in the 2018 intake and intakes thereafter.

**For students who entered the four year B.Sc. (Midwifery) course in September 2018**, the ECTS credits for each module for Junior Freshman year are listed in brackets below.

#### **Junior Freshmen (2018 curriculum)**

Biological sciences underpinning health and wellbeing (10 credits); health promotion, essential knowledge for skills and practice (10 credits); psychosocial foundations for care (10 credits); foundations for professional practice (10 credits); introduction to midwifery 1 (10 credits); introduction to midwifery 2 - sharing the woman's experience (10 credits). Total credits for the year: 60

**For students who entered the four year B.Sc. (Midwifery) course prior to September 2018**, the ECTS credits for each module are listed in brackets below.

#### **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 and assessment*

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.

The calculation of the final degree result for students who entered the course prior to 2014-15 is based on the combined results of 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 final degree result for students who entered the course in 2014-15, and thereafter, 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 students who entered the course in 2018-19, and thereafter, will be based on the combined results of the Sophister years with the Junior Sophister year contributing 30 per cent and the Senior Sophister year contributing 70 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 2018-19)

23 Nurses already holding general, mental health or intellectual disability nurse registration with the Nursing and Midwifery Board of Ireland, 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 2018-19)

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 the Nursing and Midwifery Board of Ireland, 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 2018-19)

25 Midwives holding a midwifery registration with the Nursing and Midwifery Board of Ireland, 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 2018-19)

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 the

Nursing and Midwifery Board of Ireland, 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

The 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>6</sup>

1 A new five year Pharmacy (integrated) programme was introduced in the academic year 2015-16 and will be phased in on a year-by-year basis. Students who entered the course in 2015-

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<sup>6</sup>These regulations should be read in conjunction with GENERAL FACULTY REGULATIONS and GENERAL REGULATIONS AND INFORMATION.

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 and continuing Senior Freshman, Junior Sophister and Senior Sophister students (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>7</sup> (M.Pharm.) course, the fifth year of education and training to become a pharmacist. The Pharmacy (integrated) programme (B.Sc. (Pharm.)) together with the Master in Pharmacy (M.Pharm.) is recognised and accredited by the Pharmaceutical Society of Ireland as required training for registration as a pharmacist. The academic syllabus 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.

#### *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 (5 credits)  
Biochemistry (5 credits)  
Organic and inorganic chemistry for pharmacy (10 credits)  
Physical pharmacy I (5 credits)  
Pharmaceutical analysis I (5 credits)  
Introduction to pharmaceutics and formulations (5 credits)  
Mathematical methods and pharmaceutical calculations (5 credits)  
Practice of pharmacy I (10 credits)  
General principles of pharmacology (5 credits)

### **Senior Freshmen (new curriculum)**

Properties and analysis of materials used in medicines (10 credits)  
Physical pharmacy, formulation and pharmaceutical technology (10 credits)  
Physical pharmacy (5 credits)  
Practice of pharmacy II (10 credits)  
Pharmaceutical biochemistry and biotechnology (10 credits)  
Molecular and chemotherapeutic pharmacology and clinical therapeutics (10 credits)  
Blood, cardiovascular and renal pharmacology and clinical therapeutics (5 credits)

### **Junior Sophisters (new curriculum)**

Natural sources of drugs and substances used in medicines (10 credits)

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<sup>7</sup>Degree title is pending Board and Senate approval.

Sterile products and advanced pharmaceutical biotechnology (10 credits)  
Practice of pharmacy III (10 credits)  
Endocrine and reproductive pharmacology and clinical therapeutics (5 credits)  
Respiratory and gastrointestinal pharmacology and clinical therapeutics (10 credits)  
Malignant disease, immunopharmacology and pharmacology of the eye and clinical therapeutics (10 credits)  
Neuropharmacology and clinical therapeutics (5 credits)

### **Senior Sophisters (new curriculum)**

Organisation and management skills (10 credits)  
Professional skills development (10 credits)  
Professional practice (10 credits)  
Pharmacokinetics, pharmacodynamics, biopharmaceutics and drug metabolism (5 credits)  
Medicinal and pharmaceutical chemistry IV (5 credits)  
Practice and therapeutics and professionalism and ethics (5 credits)  
Research project (15 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).

#### *Placements*

6 New curriculum: Each student will undertake a two-week placement in the second term of the Senior Freshman year, a statutory four-month placement during the first term of the Senior Sophister year, and a statutory eight-month placement during the M.Pharm. year of the Pharmacy (integrated) programme. A further two-month placement may be undertaken before the four-month placement, in the summer at the end of the Junior Sophister year, or these two placements may be combined and undertaken as a six-month placement in the one setting. All placements will be administered by the Affiliation for Pharmacy Practice Experiential Learning (APPEL). The placements in the first four years of the course can be undertaken in any practice setting (e.g. patient-facing, industry/regulatory, academia) and must be supervised by a trainer or preceptor pharmacist. In the case of non-patient facing settings the placement may be directly overseen on the premises by a non-pharmacist supervisor.

#### *Health screening and vaccination*

7 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 students to patients, all new entrants to pharmacy must attend a registered general practitioner or the College Health Service and submit the completed required health screening and vaccination documents to the School prior to the first Friday in October 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. Complete details of the



vaccination programmes and the blood borne viruses (BBV) policy must be adhered to and are communicated to applicants as part of the admissions process (in the health screening and vaccination information booklet) and are available from the School office and website. Students will also be advised to seek vaccination against influenza each year for the duration of their course of studies. Students who fail to complete the above requirements will be made withdrawn from their course of study and a re-admission fee may apply.

8 In the rare circumstances where during their studies a student acquires a BBV infection, the School will consider reasonable accommodations in accordance with statutory requirements. Details of the management of students who become infected with a BBV during their course are outlined in the BBV policy. 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 Office and consult a registered general practitioner or the College Health Service 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.

9 Advice for applicants who test positive for a BBV 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 continue with their course. Students should be advised that restricted practice and monitoring arrangements including re-testing requirements may apply. 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 University will only admit and retain students that it can reasonably accommodate who are positive with a BBV at any one time. If the University 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.

10 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 Faculty of Health 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. All costs associated with tests for health screening and vaccination must be met by the student.

#### *Examinations*

11 End-of-semester examinations are held during Michaelmas and Trinity terms. Junior Freshman, Senior Freshman and Senior Sophister students who have been unsuccessful at the end-of-semester examinations must be reassessed at the beginning of Michaelmas term as provided for in the document 'Examination Regulations in the School of Pharmacy and Pharmaceutical Sciences'. Junior Sophister students will be reassessed before the beginning of Michaelmas term as provided for in the same document.

12 Students who are unsuccessful at the end-of-semester examinations will normally be given credit for those modules in which they were successful, and will be reassessed in the examinations only in those modules in which they were unsuccessful.

#### *Academic progress*

13 Students who have undertaken 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.

14 Whether students have entered 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. 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'.

15 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.

16 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.

17 In calculating the final degree mark the following proportions will be observed: For Junior Freshman, Senior Freshman and Junior Sophister students in 2018-19 the overall end of year marks for the Junior and Senior Sophister years will contribute 30 per cent and 70 per cent, respectively, to the degree mark.

#### *Fitness to practise*

18 Students undertaking the Pharmacy (integrated) programme 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.

## *Non-Faculty Courses*

The [Innovation Academy](#) provides an undergraduate course leading to the following: Certificate in Innovation and Entrepreneurship.

### CERTIFICATE IN INNOVATION AND ENTREPRENEURSHIP

#### *Introduction*

The Certificate in Innovation and Entrepreneurship is a stand-alone course carrying 10 ECTS which may be taken part-time over one or two years. The aim of the course is to facilitate students in discovering their innate ability for independent creative thinking and innovation. Modules are intended to address the issues and problems that entrepreneurs and creative thinkers face in recognising, developing and assessing innovative commercial, cultural or social opportunities. Modules are structured in such a way as to encourage action learning, participation, discussion, analysis and reflection.

#### *Modules*

Creative thinking and innovation (5 credits)

Entrepreneurial action (5 credits)

#### *Course requirements*

This course is open to second and third year undergraduate students registered on a Trinity degree course. Both course modules must be completed before the end of a student's third year of their undergraduate degree course. This course is subject to a €100 fee.

#### *Assessment*

A combination of formative and summative assessment components are used that will focus on knowledge, reflection and application of skills and competencies. Each module focuses on continuous and process assessment. Modules are weighted equally in accordance with their credit values.

#### *Regulations*

To pass students must achieve an overall credit-weighted average mark of at least 40 per cent and accumulate a minimum of 5 credits in each year. Students must achieve a mark of 40 per cent in all module components in order to pass a module. Students who do not pass a module must complete supplemental assessments in that module by taking such assessment components as are required during the supplemental examination period. Students will be permitted to take the supplemental assessment only if the court of examiners is satisfied that they have made a serious first attempt at the module assessment. Only one reassessment attempt will be allowed.

Students who pass both modules will be eligible for the award of Certificate in Innovation and Entrepreneurship, which is unclassified.

# *Entrance Awards*

## *I ENTRANCE EXHIBITIONS*

1 Entrance exhibitions are awarded to E.U./E.E.A. students who are new entrants to full-time undergraduate degree programmes in College in accordance with the criteria detailed below.

(i) Students admitted through the Central Applications Office on the basis of performance in the Leaving Certificate public examination:

(a) Entrance exhibitions are awarded to students who achieve the highest points among entrants to the University from their secondary school and who achieve a minimum of 500 points, including bonus points for mathematics.

(b) Students from the same secondary school who enter with the same points score, and being the highest points score from that school, will all be awarded an entrance exhibition.

(c) Where the Leaving Certificate examination has been taken on more than one occasion, the six subjects which form the basis of the award must be completed in a single sitting from the same academic year.

(d) Performance in the Trinity College matriculation examination, in those subjects still examined, will be taken into account.

(ii) Students admitted on the basis of public examination results while attending secondary schools in Northern Ireland:

(a) Entrance exhibitions are awarded to students who achieve the highest points among entrants to the University from their secondary school and who achieve a minimum of 500 points, including bonus points for mathematics.

(b) Students from the same secondary school who enter with the same points score, and being the highest points score from that school, will all be awarded an entrance exhibition.

(c) Where the 'A' level examination has been taken on more than one occasion, the subjects which form the basis of the award must be completed in a single sitting from the same academic year.

(iii) Students admitted on the basis of public examination results while attending secondary schools in other E.U. or E.E.A. countries:

(a) Entrance exhibitions are awarded to students who achieve the highest results among entrants to the University from their country in the public examinations and who achieve a minimum of 500 points, including bonus points for mathematics.

(b) Students from the same country with the same points score, and being the highest points score from that country, will all be awarded an entrance exhibition.

(c) Eligible candidates will be assessed on the basis of domicile at the time of sitting the examination.

(d) Eligible candidates must have been resident in the E.U./E.E.A. for the three years prior to entry to the University.

(e) All examination results must be completed in a single sitting from the same academic year.

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 and the other to a male student from Shrewsbury School. A candidate must have been a pupil at this school 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 headmaster or headmistress 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

Sizars 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.

Sizars 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 Music staff. Multiple exhibitions may be offered.

## *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. Candidates are required to sit three to four examination papers amounting to eight to nine hours of examinations. 'Seen' papers<sup>1</sup> are not permitted in the Foundation Scholarship examinations. 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, §§25-75.<sup>2</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 at least two out of three papers in courses with three papers and at least two out of four papers in courses

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<sup>1</sup>A 'seen' paper is a paper where all, or some of the questions, including the specific wording, are made available to the candidates ahead of the examinations.

<sup>2</sup>For special awards available at entrance see ENTRANCE EXHIBITIONS.



with four papers. Candidates must also achieve 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.

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 [www.tcd.ie/academicregistry/exams/scholarship](http://www.tcd.ie/academicregistry/exams/scholarship). Completed application forms should be submitted to the Academic Registry between 16 and 30 October 2018 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

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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.

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 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 meat 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

There are two papers: paper one is a 3-hour paper covering the first year course and the first term of the second year course. Paper two is a 90-minute general paper. The general paper

carries 25 per cent of the subject mark and the 3-hour paper carries 75 per cent of the subject 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
<b>Total</b>	<b>500</b>

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 examination papers. Paper one covers course work from the Junior Freshman year and Michaelmas term of the Senior Freshman year (excluding FS2009 introduction to screenwriting). 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 prescribed modules prior to the end of the 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:

	Marks
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 viva voce examination	250
Total	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 papers: one three-hour paper and one 1.5-hour paper (the general paper). The three-hour paper accounts for 70 per cent of the total subject mark and the 1.5-hour paper accounts for 30 per cent of the total subject mark.

### 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. Business II is a full general paper. All papers carry equal marks.

### **28 Business studies**

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 three 3-hour papers. Candidates are required to take three papers:

Business I  
Business II  
Business III

All business papers include one, or more, compulsory general question(s). Business II is a full general paper. All papers carry equal marks.

### **29 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). Business II is a full general paper.

Language 1 (language fluency including oral)  
Language 2 (business environment)

All papers carry equal marks.

### **30 Catholic theological studies**

Candidates are examined in four 2-hour papers, one of which is a general paper. Papers are weighted equally.

### **31 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.

### 32 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.

### 33 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.

### 34 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.

### 35 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 (2½ hours)
- 4 Business II (2½ 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.

### 36 Computer science and language

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.

### 37 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:

- 1 Deaf studies: general paper (2 hours)
- 2 Sign Language in action (3 hours)
- 3 Deaf people and society (3 hours)

All papers carry equal weighting.

### 38 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 Oral biosciences and dental sciences, paper 1 (3 hours)
- 2 Oral biosciences and dental sciences, paper 2 (3 hours)
- 3 Special interdisciplinary topic (3 hours)

Paper 3 is a general paper.

### 39 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.

### 40 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
<b>Total</b>	<b>500</b>

#### 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.

#### 41 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.

#### 42 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.

#### 43 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.

#### 44 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 one 3-hour paper and three 2-hour papers. Paper one is the 'general paper' and is 3 hours in length. Papers are equally weighted.

#### 45 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 or Paper II
  - Political science: Political science paper I or Political science paper II
  - Sociology: Sociology paper II

#### **46 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.

#### **47 History and political science**

Candidates are examined in four papers, two in political science and two in history. Political science I (2½ hours) is a general paper, political science II (2½ 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.

#### **48 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 the chemistry papers contain one general question each. Papers are weighted equally.

#### **49 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.

### **50 Human nutrition and dietetics**

Candidates are examined on two separate special topic/general papers (3 hours each). In addition, nutrition and physiology (3 hours) examines material from the first three semesters of the course related to nutrition and physiology. The special topic examinations are set on courses of reading relevant to the professional practice of nutrition and dietetics, and topics change annually. An indicative reading list, including research and review papers, is provided on the topic.

There are three written examinations as follows:

- 1 General paper (Special topic paper 1) (3 hours)
- 2 Nutrition and physiology (3 hours)
- 3 Special topic paper 2 (3 hours)

Papers are weighted equally.

### **51 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.

### **52 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.

### **53 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. Business II is a full general paper. 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 is based on modules of the course up to the end of Michaelmas term of the Senior Freshman year and includes a compulsory general section. Papers are weighted equally.

#### **54 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.

#### **55 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 in prescribed modules taught in the Freshman years prior to the end of 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.

#### **56 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.

#### **57 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 infection and immunity (2 hours)
3. Pharmacology and behavioural science (2 hours)
4. General paper on a special topic (3 hours)

## **58 Midwifery**

Candidates are examined in their course work up to the end of Michaelmas term/semester one of the Senior Freshman year, but at an advanced level, and with a course of reading which will be recommended by the lecturers and clinical tutors in midwifery. Students are required to take three papers of 3 hours' duration each, one of which is a general paper. Papers are weighted equally.

## **59 Music**

Candidates are examined in three 3-hour papers on aspects of the work of the Freshman years. Two papers (Harmony and Counterpoint) 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; the other relates to the modules History and Repertoire I and II.

## **60 Music education**

Candidates are examined in their coursework up to the end of Michaelmas term of the Senior Freshman year, but at an advanced level and including additional reading required by course lecturers.

All examinations are weighted equally. The areas of study related to the scholarship examination are:

- 1 Music education (3 hours). The music education paper is a general paper.
- 2 Theoretical music (3 hours)
- 3 Music performance (1 hour). Practical examination.

## **61 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.

## **62 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 recommended 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.

## **63 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.

## **64 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
- 2 Pharmaceutical sciences 2
- 3 Disease management based on a scenario/case study: interdisciplinary understanding and research (general paper)

### **65 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.

### **66 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.

In each paper it is compulsory that each student answer at least one general question.

Philosophy II, philosophy IV and political science I are full general papers.

All papers carry equal marks.

### **67 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.

### **68 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.

### **69 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.

### **70 Radiation therapy**

Candidates are examined at an advanced level in specified elements of their course work, as well as, by means of a general paper, 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 Critical analysis of radiation therapy research (2 hours)

Papers are equally weighted.

### **71 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.

### **72 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.

### **73 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

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.



#### **74 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.

#### **75 World religions and theology**

Candidates are examined in four 2-hour papers covering the work of the first three semesters in each of the three strands: biblical studies, theology, religious studies, and a general paper. 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 paid by electronic fund transfer (EFT) to the recipient's bank account via the student portal [my.tcd.ie](http://my.tcd.ie).

Where the name of a prize winner is not displayed, this means that the prize was not awarded in 2017-18.

### *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 2017:*

Sheridan, Cailin

### **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 2017:*

O'Sullivan, Alice

### **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.

### **RORY MCDONAGH PRIZE**

This prize was founded in 2016 by the trustees of The Rory McDonagh Trust. 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 course in international business. Value, €250.

*Prizewinner in 2017:*

Kavanagh, John

### **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. Value, €1,000.

*Prizewinner in 2017:*

O'Keeffe, Conor

### **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

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<sup>1</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.

reporting and analysis. The prizewinners are invited to apply to the firm for Articles. Value, €127, and €64.

*Prizewinners in 2017:*

- 1 O'Sullivan, Alice
- 2 Mulligan, Niall

#### 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.

*Prizewinner in 2017:*

Williams, Ciaran

#### 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 2017:*

O'Sullivan, Rory

##### 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 2017:*

Chen, Yudi (Greek)  
O'Sullivan, Rory (Greek)

##### 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 2017:*

Metti, Sophia-Maria

#### JOHN AND LYNDALL LUCE PRIZE

The John and Lyndall Luce prize was founded in 2018 by subscription in memory of John Luce (Public Orator, 1972–2005; Erasmus Smith's Professor of Oratory, 1984–9; Vice-Provost, 1987–9) and his wife Lyndall. The prize is awarded annually on the basis of end of year results in modules relating to Greek literature and culture to a student in ancient history and archaeology or classical civilisation in the Senior Freshman or Junior Sophister year. Value, €150.

#### 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 on a topic related to classical antiquity. 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 the third week of teaching in 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.

#### 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 2017:*

*Division II:*

Costello, Theresa Terri  
O'Donnell, Siubhan  
O'Sullivan, Rory

#### 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 Senior Freshman and Junior 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 in Greek or Latin must be submitted to the Head of Classics by 31 January.

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 and submission procedures in English and Irish see under the headings: Modern languages and literature, English, and Irish and Celtic languages.

## 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.

## 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.

*Prizewinner in 2017:*

Loftus, Caoimhe

### 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 2017:*

Doogan, Emer

### IASLT STUDENT 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 (IASLT) and is awarded in honour of Dr Marie de Montfort Supple, the founder of the programme.

### 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 2017:*

Breen, Orla

### 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 2017:*

McCarthy, Hannah

### 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 2017:*

Lynam, Aileen

### THE TAVISTOCK TRUST FOR APHASIA STUDENT PRIZE

This prize (a sum of £300 Sterling) may be awarded on an annual basis to an undergraduate or postgraduate student for excellence in work relating to aphasia. This can be either academic or practical work: an essay, or a piece of research in aphasia.

### 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 2017:*

Dunne, Roisin

### Comparative philology and Sanskrit

### 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 2020. Value, €1,500.

*Prizewinner in 2017:*

Nic Iomhair, Caitlin Emira Saoirse

### 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 2017:*

Malinen, Pia Julia



## **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 2017:*

Kearns, Emmet

### **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 2017:*

Parkes, Declan

### **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 2017:*

Ní Ghríofa, Míde

### **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 2017:*

Flynn, Eimear

## **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 2017:*

McGowen, Aaron

### **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 2017:*

Wolfer, Isabel

#### 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 2017:*

Molloy, Ciara

#### 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 2017:*

Day, Alexandra

### **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.

*Prizewinners in 2017:*

Bushell, Maya Lydia

Malin, Cian

#### 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.

*Prizewinners in 2017:*

O'Driscoll, Yseult

Ward, Elizabeth

## **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.

### **VICE-CHANCELLOR'S PRIZES IN IRISH**

For regulations see prizes in classics above.

#### *Topics:*

Irish prose: Cearta agus dualgais

Irish verse: Íomhánna

For topics and submission procedures in Greek, Latin, and English, see under the headings Classics, Modern languages and literature, and English.

## **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.

### **JOHN A. BOLAND MEMORIAL SCHOLARSHIP**

The John Boland memorial scholarship was founded in 2007 by subscription in memory of John Boland (LL.B., M.A., Barrister-at-Law, 1954), former U.K. Public Trustee, who founded the U.K. Trust for TCD (then called 'The London Trust for TCD'), and who was a very loyal graduate serving Trinity in many capacities. The prize is awarded annually by the School for a new incoming research postgraduate student in law. Award to be decided on the basis of merit in application. Value: €1,000 per annum.

### **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 2017:*

Byrne, Rachael

### **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.

*Prizewinners in 2017:*

Bergin, Hazel  
Boyle, Katie  
Carragher, Gillian  
Heffernan, Kate  
Hogan, Hilary  
Robinson, Feidhlim

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.

*Prizewinner in 2017:*

Boyle, Katie

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 2017:*

Irwin, Alannah Marie

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.

*Prizewinner in 2017:*

White, Caoimhe

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 2017:*

Holton, Avril

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 2017:*

Maher, Robyn Grace Rosamund

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.

*Prizewinners in 2017:*

Milosavljevic, Nina  
Ni Bhraonain, Blanaid

## 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 2017:*

##### *English*

Kelly, Dara  
Moore, Brian  
Purtill-Clarke, Remie (Sophisters)

##### *French*

Fuentes McDonnell, Irene  
Lawlor, Aoife  
Lillis, Cornelia  
MacCrimmon Dunn, Heather  
Owens, Sarah  
Rousse, Mathilde

##### *Germanic Studies*

Husca, Helen  
Robinson Gunning, Neimhin  
Rutherford, Eleanor  
Smith, Stephen

##### *Hispanic Studies*

Cassidy, Declan  
Lavelle, Caroline  
Moral Barry, Eloisa

##### *Irish and Celtic Languages*

Diggins, Mary  
Doherty, Gerald Matthew Michael

##### *Italian*

Borza, Gioia  
Chen, Yudi  
Coffey, Alice  
Muldowney, Louisa

##### *Russian and Slavonic Studies*

Elima, Joris Pierre-Roland  
Garry, Claire Catherine  
Moran, Sean  
O'Malley, Kieran

### 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 2017:*

Hansen, Griffin Alexandra

## 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 2017:*

- 1 Ní Dhomhnaill, Niamh Frances Anna
- 2 Weakliam, Peter

## 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 2017:*

Burns, Kerry

### 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 2017:*

Walsh, Donal

### RICHARD F. LITLEDALE 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 2017:*

*Division I:*

Deitner, Janice

*Division II:*

Burns, Kerry

### 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. Essays should reach the Head of Discipline of the School of English by 31 January.

*Topic for 2019:*

Yeats and Humour

### 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 2017:*

Hannon, Turlough

## 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 Head of Discipline of the School of English by 31 January. Value, about €200.

*Topic for 2019:*

Understanding

## VICE-CHANCELLOR'S PRIZES IN ENGLISH

For regulations, see prizes in classics above. Essays should reach the Head of Discipline of the School of English by 31 January.

*Topics for the prizes to be awarded in January 2019:*

English prose: Fake news

English verse: Influenza

For topics and submission procedures in Greek, Latin, and Irish, see under the headings Classics, and Irish and Celtic languages.

## French

### DOMPIERRE-CHAUFÉPIÉ PRIZE

This prize was founded in 1912 by a gift from Gerard Alston Exham, Fellow 1895-1920, in memory of Eugénie de Dompierre de Chaufépié, 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 2017:*

O'Deorain, Sean

### 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 2017:*

Dowd, Aileen Vita

Morrin, Aoife

Shaw, James

### 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 Chryss 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 2017:*

Dunne, Conor

#### 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.

*Prizewinners in 2017:*

Devine, Alexander

Reilly, Clare

#### 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 died as the result of an accident while studying in Germany. Two prizes of €650 each will be awarded annually on merit to support undergraduate students to study abroad as part of their University of Dublin degree in German.

*Prizewinners in 2017:*

Byrne, Katherine

Lafferty, Joseph

##### 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.

*Prizewinners in 2017:*

Brennan, Conor

Hedley, Thomas William

Moody, Hannah Kate

##### 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.

#### Italian

##### 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 2017:*

Lee, Lily



#### 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 student deemed to have made most progress in Italian. Value, €100.

*Prizewinner in 2017:*

Newcombe, Luke

#### 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 2017:*

O'Donnell, Oriana Hannah Naima

#### 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 2017:*

Graef, Julian Rene

##### 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 2017:*

Proshkovicha, Alice

##### 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.

#### 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 2017:*

Caffrey, Shauna

### 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 2017:*

- 1 Boyle, Sarah
- 2 Riordan, Michael James

### 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 2017:*

Long, Cillian

### 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 2017:*

Alari, Sinead

### 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.

*Prizewinner in 2017:*

Carolán, Aisling

#### 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.

#### 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.

*Prizewinner in 2017:*

Hearn, Brian James

## 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 2017:*

Buckley, Killian John Daniel  
Devine Prendergast, Cian  
Koponen, Veronika  
Pierson, Sean

### 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 2017:*

Buckley, Killian John Daniel  
Dickinson, Henry Alexander  
Duggan, Luke  
Koponen, Veronika Miranda

### 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.

### 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, from 2017-18 until 2019-20, the submitted essay or essays to be judged by Dr Berman and/or a lecturer in philosophy and will include a *viva*.

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 2017:*

Maguire, Ruairí William

#### 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 Berkeleian 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 2018-19:*

Paper 1 *De Motu*

Paper 2 *Alciphron*, ed. D. Berman

#### 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.

#### 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.

*Prizewinners in 2017:*

Maguire, Ruairi William  
Price, Andrew Martin Thomas

## 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.

## Political science

### RONALD J. HILL PRIZE

This prize was founded in 2016 by donations from the Trinity Association and Trust, Professor Ronald J. Hill, and the Department of Political Science. It is awarded annually, from 2016 to 2035 inclusive, on the recommendation of the Department of Political Science, to the elected scholar who achieves the best overall result in the political science component in the scholarship examination of that year. Value, €120.

### EDDIE HYLAND PRIZE

This prize was founded in 2017 by donations from the Discipline of History and the Discipline of Political Science. It is awarded annually, from 2018 to 2027 inclusive, on the recommendation of the Senior Sophister History and Political Science court of examiners, to the Senior Sophister History and Political Science student who achieves the best performance. Value, €250.

### 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.

*Prizewinner in 2017:*

Johnston, Samuel

### 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.

*Prizewinners in 2017:*

O'Boyle, Ailsing  
Parkes, Declan

### 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 2017:*

Campbell, Fiona

## **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 Psychology Conversion Course year 2 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 2017:*

Lundy, Emma

### **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 Psychology Conversion Course year 2 student who presents the best final year dissertation, provided that a grade of first class honors is attained. Value, €77.

*Prizewinner in 2017:*

Dooley, Eoin

### **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 2017:*

Fox, Celine

Lagoda, Nicola

Lahert, Nessa

McEnaney, Emma

### **THE GRADUATES' PRIZE IN PSYCHOLOGY**

This prize was founded in 1985 from donations received by the School 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 Psychology Conversion Course year 2 student. Value, €127.

### **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 Psychology Conversion Course year 2 student who makes the best poster presentation of his/her final year project. Value, €51.

*Prizewinner in 2017:*

Nix, Laura

### **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, Maeve. It is awarded annually to a psychology student in Trinity College for a research-based paper, which has been accepted for publication. Value, €127.

## **Religion**

### **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 Head of School for the best essay written on a theological topic by a Junior Sophister student in the School of Religion. Preference may be given to an essay on an ecumenical or inter-faith topic. Value, €700 annually.

#### 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 2017:*

Eady, Orla Ronan  
Hughes, Ruby Talulla  
O'Neill, Orla Maeve  
Rodgers, Emma Katherine

#### 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 School of Religion 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.

*Prizewinner in 2017:*

Brown, Katie

#### 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 2017:*

Chraiet, Imen

#### 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.

#### TOPLADY MEMORIAL SCRIPTURE PRIZE

This prize was founded in 1906 by a gift from William Batley, in memory of Augustus Montague 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.

#### 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 2017:*

Toal, Katherine

#### 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 2017:*

Hickey, Paul

Spillane, Noeline Bernadette

#### 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.

*Prizewinners in 2017:*

O'Kelly, Sinead Aoife

Toal, Katherine

#### 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 2017:*

Stapleton, Linda Teresa



#### 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 Arts, Science and Inclusive Applied Practice course, for excellence in the field of art. Value, €150.

#### 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 2017:*

O'Brien, Cristin

#### **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 2017:*

O'Keeffe, Ellen Mae Rose

#### 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 2017:*

O'Keeffe, Ellen Mae Rose

#### 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 2017:*

Monaghan, Conall

#### 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.

#### **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 2017:*

Daly, Andrew

# *Prizes in the Faculty of Engineering, Mathematics and Science<sup>2</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.

### **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 2017:*  
Kulizhskaya, Yana

### **IBM DAVID DIER MEMORIAL PRIZE**

This prize was founded in 1984 and renamed in 2002. It is awarded to the student in the moderatorship 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.

### **FRANZ FASENFELD MEMORIAL PRIZE**

This prize was initially founded in 1998 as a research scholarship in memory of Franz Fasenfeld, a former MSISS student.

The prize was reinstated in 2016. It is awarded annually to the student who achieves the highest overall result in the first year in the moderatorship in management science and information systems studies (MSISS). Value, €500.

*Prizewinner in 2017:*  
Ruane, Emma-Louise

### **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.

*Prizewinners in 2017:*  
Odukoya, Abraham  
Teiserskis, Edvinas

### **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.

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<sup>2</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.

*Prizewinner in 2017:*  
Leacy, David James

#### 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 2017:*  
O'Sullivan, Alice

#### 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.

*Prizewinners in 2017:*  
Leacy, David James  
Shaw, Andrew

### 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.

*Prizewinner in 2017:*  
Buckley, Tiernan

#### 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 2017:*  
Jain, Shekhar

#### 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 2017:*  
Rogan, Cliona

#### 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 2017:*  
Fagan, Cormac

### 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 2017:*

McKay, Darragh

### 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 2017:*

1 Levy, Cian

1 MacLochlainn, Seamas

2 Mulholland, Darren

3 Dover, Beth

### 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. Six prizes are offered annually in the fifth year of the M.A.I. degree course, one in each of the following: (i) Biomedical Engineering, (ii) Civil, Structural and Environmental Engineering, (iii) Computer Engineering, (iv) Electronic and Electrical Engineering, (v) Mechanical and Manufacturing Engineering, (vi) Engineering with Management, for the best project or joint project on the nomination of the Head of stream. Value, €80 each.

*Prizewinners in 2017:*

*Civil, structural and environmental engineering*

Arora, Abhinav

*Computer science*

Chai, Jia

*Electronic and electrical engineering*

Jain, Shekhar

*Mechanical and manufacturing engineering*

McCrohan, Elizabeth

### 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 2017:*

Bluett, Simon Kieran

McDonnell, Rian

Oude Essink, Eoin

### 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 2017:*  
Griffin, Piaras

#### 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 2017:*  
Cunningham, Luke

#### STANLEY ELLIOTT PRIZE

This prize was established in 2017 by a bequest from Lesley, Susan and Barbara, daughters of the late Stanley Elliott, a 1948 TCD civil engineering graduate. This prize is awarded annually in the fourth year of the B.A.I. degree course to the student with the best individual project work or internship marks in Civil, Structural and Environmental Engineering provided that overall first class honors are attained. If there is more than one student with the highest mark, the prize will be split and shared equally. Value, €2,000.

#### 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 Charities Regulatory Authority.

#### 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 2017:*  
Ennis, Stephen

#### 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 2017:*  
Lupo, Stefano

#### 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 2017:*  
*Senior Freshman*  
Trew, Robert  
*Junior Freshman*  
Mulholland, Darren

### 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.

#### *Prizewinners in 2017:*

##### *Biomedical Engineering*

Hughes, Brian

##### *Civil, Structural and Environmental Engineering*

Donnelly, Roisin

##### *Computer Engineering*

Magrath, Jared

##### *Electronic and Electrical Engineering*

Yonkov, Emil

##### *Electronic/Computer Engineering*

Ennis, Stephen

##### *Mechanical and Manufacturing Engineering*

Pretorius, Tyron

Walshe, Stefan Robert

##### *Engineering with Management*

Otubela, Moyin

Walshe, Stefan

### 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 2017:*

##### *Senior Freshman*

1 Rosney, Sophia

2 Masucci, Emma

##### *Junior Freshman*

1 Dover, Beth

2 Richards, Athena Clare

### 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 2017:*

Sexton, Eoghan

### 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. Value, €1,000.

#### *Prizewinner in 2017:*

Cunningham, Luke

### 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. Value, €1,000.

*Prizewinner in 2017:*

Rogan, Cliona

### 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 2017:*

Mullen, Peter

### 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 2017:*

Woods, Jack

### 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 2017:*

Pretorius, Warren James

Trew, Robert

Gaul, Alan

### STANFORD-SMITH PRIZES

These prizes were founded in 1994 by a bequest from Raymond Thomas Kennedy in memory of his grandfather, Francis Stanford-Smith. They are 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 six equal parts; each part is awarded to the student achieving the best examination results in the following streams: (i) Biomedical Engineering, (ii) Civil, Structural and Environmental Engineering, (iii) Computer Engineering, (iv) Electronic and Electrical Engineering, (v) Electronic/Computer Engineering, (vi) Mechanical and Manufacturing Engineering. The value of each part is €350.

*Prizewinners in 2017:*

*Civil, structural and environmental engineering*

Cunningham, Luke

*Computer science*

Lupo, Stefano

*Electronic and electrical engineering*

Bluett, Simon Kieran

*Mechanical and manufacturing engineering*

Conry, Cian Edward

## 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.

*Prizewinner in 2017:*

Dover, Beth

## 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.1.

*Designated areas*

- 2016 Electronic engineering
- 2017 Computer engineering
- 2018 Biomedical engineering
- 2019 Electronic/computer engineering
- 2020 Civil, structural and environmental engineering
- 2021 Mechanical and manufacturing engineering

The designated areas reflect the six streams currently offered and may be varied at the discretion of the School of Engineering Curriculum Committee. Value, €1,500.

*Prizewinner in 2017:*

McKay, Darragh

## 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 2017:*

Pachowicz, Maria Aleksandra

### 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 2017:*

- 1 McKeown, Samuel
- 2 Keogh, Adam
- 3 Wroblewski, Stefan

### 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 2017:*

- 1 Margalit, Aoibheann



- 2 Mahon, Sean
- 3 Glynn, David
- 4 McGuane, Sean
- 5 Corcoran, Luke
- 6 Beirne, Keelan
- 7 Norton, Declan Alex
- 8 McCrossan, Eoin

#### 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.

#### 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 2017:*

Mulcahy, Daniel  
O'Gorman, Ronan

#### 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.

*Prizewinner in 2017:*

Madigan, Maeve

#### 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 2017:*

Cleary, Andrew  
O'Connor, Katie  
Beadle, Carl

#### 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. Value, €316.

*Prizewinner in 2017:*

Gannon, Daire

### JULIAN BOLDY PRIZE IN GEOSCIENCE

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 geoscience. Value, €83.

*Prizewinner in 2017:*  
Heffernan, Aine

### W.C. CAMPBELL MODERATORSHIP PRIZE IN ZOOLOGY

This prize was established in 2017 by a gift from Professor William C. Campbell from his 2015 Nobel Prize in Physiology or Medicine, which was awarded for discoveries concerning a novel therapy against infections caused by roundworm parasites. The gift is a token of gratitude for Prof. Campbell's undergraduate education in the natural sciences, and for the inspiring mentorship of Dr. James Desmond Smyth of the Zoology department. It is awarded annually to a student with the best overall moderatorship result in zoology. Value, €200.

### W.C. CAMPBELL UNDERGRADUATE RESEARCH PRIZE IN ZOOLOGY

This prize was established in 2017 by a gift from Professor William C. Campbell from his 2015 Nobel Prize in Physiology or Medicine, which was awarded for discoveries concerning a novel therapy against infections caused by roundworm parasites. The gift is a token of gratitude for Prof. Campbell's undergraduate education in the natural sciences, and for the inspiring mentorship of Dr. James Desmond Smyth of the Zoology department. It is awarded annually to an undergraduate student with the best overall undergraduate research project result in zoology. Value, €200.

### 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, immunology or molecular medicine 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.

### 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 2017:*  
Micklethwait, William

### 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.

### 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 advice of the Professor of Genetics, to the student of genetics who has distinguished himself/herself in the Junior Sophister examinations. Value, €316.

*Prizewinners in 2017:*

Hill, Sarah

Monks O'Byrne, Sophie

#### 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 2017:*

*Senior Sophister*

O'Reilly, Alison

*Junior Sophister*

Robertson Shersby Harvie, Thomas Ramsay

#### 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 2017:*

*Junior Sophister*

Murphy, Maeve

*Senior Freshman*

Mullarkey, Ellen

#### 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.

*Prizewinner in 2017:*

O'Ceallaigh, Ciaran

#### 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.

#### 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 2017:*

O'Keeffe, Floriane Elisa

#### 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 BYU22205 examination in microbiology. Value, €200 book token.

#### 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.

#### 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.

*Prizewinner in 2017:*

Reidy, Kate

#### 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 2017:*

O'Rourke, Harrison

#### C.H. HOLLAND PRIZE

This prize is awarded to the student obtaining the highest overall mark in the geology moderatorship. Value, €100.

*Prizewinner in 2017:*

Moore, Hannah

#### 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 2017:*

Kavanagh, Sean

#### 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 2017:*

Hughes, Lucia

#### 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 2017:*

Prochukhan, Nadezda

#### MICROBIOLOGY SOCIETY PRIZE

The Microbiology Society offers a prize annually to the undergraduate student who performs best in the Junior Sophister year. The winning student will be awarded a certificate and a year's undergraduate membership of the society.

#### 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 2017:*

Hill, Sarah

#### 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.

*Prizewinners in 2017:*

Nair, Rajat

Tyndall, Caoimhe

#### 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 2017:*

Kavanagh, Sean

#### W.E.A. PHILLIPS PRIZE

This prize is awarded to the student who obtains the highest dissertation mark in the geology moderatorship. Value, €100.

*Prizewinner in 2017:*

Moore, Hannah

#### 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 2017:*

Berney, Conor

#### 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 2017:*

Haran, Emma

#### 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 2017:*

Lyons, Kevin

#### 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 2017:*

Lyons, Kevin

### 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 2017:*

Kavanagh, David

### 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 2017:*

Cleary, Andrew

### 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 in-course assessments in microbiology (odd years). The appropriate Head of School or Department makes the recommendation for awarding the prize. Value, €70.

*Prizewinner in 2017:*

O'Connell, Laura Michelle

## *Prizes in the Faculty of Health Sciences<sup>3</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.

#### 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 Dental Council also award a prize to the best all-round student over the three years of the dental technology programme. The Year 2 dental nursing prize and the Year 2 dental hygiene prize are awarded to the candidates who achieve the best overall result in their course. Value, €127 each.

#### *Prizewinners in 2017:*

##### *Public and child dental health*

Nowak, Sylwia Maria

##### *Oral surgery, oral medicine and oral pathology*

Nowak, Sylwia Maria

##### *Restorative dentistry and periodontology*

Donohoe, Eamonn Tomas

#### 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 2017:*

Nowak, Sylwia Maria

### 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

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<sup>3</sup>See also GENERAL FACULTY REGULATIONS and MISCELLANEOUS AWARDS.



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 2017:*

- 1 O'Byrne, Lisa
- 2 Gilroy, Darina Ann

#### 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.

*Prizewinner in 2017:*

McGlacken-Byrne, Domhnall

#### 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 2017:*

O'Byrne, Lisa

#### 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 2017:*

Dunne, Esme

#### 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 2017:*

Conroy, Peter

#### 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.

*Prizewinner in 2017:*

O'Donnell, Martin

### 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 2017:*

Power, Robert

### 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 2017:*

Gilgan, Joshua

### 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.

*Prizewinners in 2017:*

Dunne, Esme

Heaney, Aine

O'Byrne, Lisa

### 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.

*Prizewinner in 2017:*

Kennedy, Kate

### 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.

*Prizewinners in 2017:*

Dunne, Esme

Heaney, Aine  
O'Byrne, Lisa

#### 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 2017:*  
Browne, Conor Paul

#### 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.

*Prizewinners in 2017:*  
Dunne, Esme  
Heaney, Aine  
O'Byrne, Lisa

#### 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 2017:*  
Dunne, Esme

#### 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 2017:*  
Dyer, Adam

#### 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 2017:*  
O'Connor, Niamh

#### 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).

#### 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 2017:*

Byrne, Joanne  
Carolan, Siofra  
Gibbons, Denys  
Loftus, Eimear  
Maguire, Fiachra  
O'Brien, Oisín Anthony  
O'Connor, Niamh

#### 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 2017:*

Gilroy, Darina Ann

#### 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 2017:*

*Clinical Medicine*

Beirne, Ellen  
Duff, Eimear

*Obstetrics and Gynaecology*

Richard, Georgia Rosalie

*Paediatrics*

Restan, Amy

*Psychiatry*

Heaney, Aine

*Surgery*

O'Neill, Karen  
Ryan, Paul

#### 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 2017:*

Power, Robert

#### 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 2017:*

Conroy, Peter

#### 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 2017:*

O'Connor, Niamh

#### 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.

*Prizewinner in 2017:*

Hartnett, Jack

#### 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 2017:*

- 1 Diong, Sophie Geraldine
- 2 Gallagher, Eleanor

#### 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. Value, €1,905 per annum for three years.

*Prizewinners in 2017:*

Garami, Anna

Power, Robert

## 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 2017:*

Worrall, Amy Patricia

## Nursing and midwifery

### LORRAINE ANDREWS MEDAL AND BURSARY

Dr Lorraine Andrews was an Assistant Professor in Midwifery in the School of Nursing and Midwifery (2006-2013). This is an annual award presented at the annual School of Nursing and Midwifery awards ceremony during Michaelmas term of each academic year. This award will be awarded to one midwifery student, nominated by their peers, who has completed Junior Sophister year and is in good standing. The award recognises the student's key attributes, such as kindness, integrity, compassion, respectful, non-judgemental, good humour and selfless dedication that are consistently demonstrated over the course of the student's college career. The successful student should actively participate in activities that had a positive impact on other students.

The successful midwifery student will receive the Lorraine Andrews medal and a bursary of €250.

### 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.

### 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.

#### THE CAROLE KING ANNUAL AWARD

The Carole King annual award was founded in 2015 to encourage interest in spirituality in healthcare among students in the School of Nursing and Midwifery. The award consists of complimentary registration for the annual Spirituality in Healthcare conference and a gift token, which is presented at the School awards ceremony. Application for the award is open to all undergraduate nursing and midwifery students.

#### HANNAH McDOWALL NURSING SCHOLARSHIP

Named in honour of the late Nurse Hannah McDowall (1976-2001). The Adelaide Hospital Society awards the Hannah McDowall nursing scholarship to the nursing student who achieves the highest mark at distinction level in the first year annual examination session conducted by Trinity College Dublin. The scholarship, valued €2,000, to promote excellence in nursing studies is open to all nursing students attached to Tallaght Hospital. Enquiries to Niamh Gavin, Foundation Manager, The Adelaide Health Foundation, Tallaght Hospital, Dublin 24, tel: (01) 4142069, email: info@adelaide.ie.

#### 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 2017:*

Gillespie, Clara  
Scaria, Alenrose

#### 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. Midwifery (A. Obs.): one prize to the highest placed student in each year of the four years of the course

The award in each case is a book voucher to the value of €100.

*Prizewinners in 2017:*

Butler, Rebecca

Coffey, Lia Emily  
Colgan, Matthew  
Crampton, Alison Victoria  
Delaney, Emma  
Gillespie, Clara  
Henderson, Claire  
Kearon, Derek  
Kenny, Shauna  
Kiely, Marese  
Kurkowski, Tomasz  
Larragy, Emma-Rachel  
McConville, Orlagh  
O'Conboirne, Caitlin  
Tully, Cillian  
Vargas, Ma Shenna Mae

### **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.

#### **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.

### **Pharmacy**

#### **THE ALEXION JUNIOR SOPHISTER PHARMACY PRIZE**

This prize is awarded to the student who attains the highest overall mark in the Junior Sophister year.

*Prizewinner in 2017:*

Lynch, Mark

#### **THE ALEXION SENIOR SOPHISTER PHARMACY PRIZE**

This prize is awarded to the student who attains the highest overall mark in the B.Sc. (Pharm.) degree.

*Prizewinner in 2017:*

Comer, Matthew

#### **PAUL HIGGINS MEMORIAL MEDAL – UNIPHAR PRIZE IN PHARMACEUTICAL CHEMISTRY**

This prize is awarded to the student who attains the highest overall combined mark in module PH4102 (Advanced pharmaceutical chemistry, drug discovery and development).

*Prizewinner in 2017:*

McLoughlin, Eavan

#### **JOHNSON & JOHNSON PRACTICE OF PHARMACY PRIZE**

This prize is awarded to the student who attains the highest overall combined mark in module PH4107 (Science informing practice).

*Prizewinner in 2017:*

McLoughlin, Eavan



### LEO PHARMA PRIZE IN PHARMACEUTICS

This prize is awarded to the student who attains the highest overall combined mark in module PH4105 (Pharmacokinetics, pharmacodynamics, biopharmaceutics and drug metabolism).

*Prizewinner in 2017:*

Bennett-Lenane, Harriet

### MEAGHER'S SENIOR FRESHMAN PHARMACY AWARD

This prize is awarded to the student who attains the highest overall mark in the Senior Freshman year.

*Prizewinners in 2017:*

Bolger, Caoimhe  
Koay, Chee Cheng  
Negoescu, Eduard

### SOLVOTRIN THERAPEUTICS JUNIOR FRESHMAN PHARMACY PRIZE

This prize is awarded for overall first place in the Junior Freshman pharmacy annual examinations.

*Prizewinner in 2017:*

Fitzpatrick, Laura

### CARRICK THERAPEUTICS PRIZE IN PHARMACOLOGY

This prize is awarded to the student who attains the highest overall combined mark in modules PH2110 (Molecular and chemotherapeutic pharmacology and clinical therapeutics), PH2111 (Blood, cardiovascular and renal pharmacology and clinical therapeutics), PH3109 (Endocrine and reproductive pharmacology and clinical therapeutics), PH3110 (Respiratory and gastrointestinal systems and clinical therapeutics), PH3111 (Malignant disease, immune and ocular systems and clinical therapeutics), and PH3112 (Neuropharmacology and clinical therapeutics).

*Prizewinner in 2017:*

Comer, Matthew

### SANOFI PRIZE IN PHARMACOGNOSY

This prize is awarded to the student who attains the highest overall combined mark in module PH3103 (Natural sources of drugs and substances used in medicines).

*Prizewinner in 2017:*

Corbet, Sean

### 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 2017:*

Dowling, Laura

### ANNE O'BRIEN PRIZE

The Anne O'Brien prize will be awarded annually to the Senior Sophister student who achieves the highest performance in clinical assessment in the final year. The prize is an engraved piece of

crystal and complementary admission to attend the Irish Society of Chartered Physiotherapists (ISCP) annual conference.

*Prizewinner in 2017:*

Prendergast, Jane

#### 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.

*Prizewinner in 2017:*

Mulcahy, Sarah

#### IRISH SOCIETY OF CHARTERED PHYSIOTHERAPISTS STUDENT RESEARCH PRIZE

The Irish Society of Chartered Physiotherapists (ISCP) student research prize will be awarded annually to the Senior Sophister student presenting the best project. The prize is an engraved piece of crystal and complementary admission to attend the ISCP annual conference.

*Prizewinner in 2017:*

Mulcahy, Sarah

#### **Radiation therapy**

##### OLIVE FLEMING MEMORIAL PRIZE

The Olive Fleming memorial prize, in recognition of clinical excellence at undergraduate level, is awarded by the Irish Institute of Radiography and Radiation Therapy (IIRRT) to the student with the highest clinical performance in their final year.

##### 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 2017:*

Mulfaul, Jessica

## *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 1976 by a gift of John Law, Bishop of Elphin, to encourage the study of mathematics.

*Prizewinner in 2017:*

Tyrrell, Brian

### **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.

*Prizewinner in 2017:*

Purtill-Clarke, Remie

### **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 2017:*

Ferrity, Benjamin

### **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 2017:*

King, Philip Stephen

## *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. The next award will be made in 2021 and essays must reach the Registrar before 1 October 2020. 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 2017:*

O'Neil, Melissa

### 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 2017:*

Jennings, Janine Patricia (*scholarship*)

McElroy, Deirdre Marie Therese (*scholarship*)

### 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.

### 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.

*Prizewinner in 2017:*

McDonnell, Alexandra

### 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 2019: 'How has archaeology assisted our understanding of the development of one Medieval Irish walled town?'*

Essays should reach the [Senior Lecturer](#) not later than 1 May 2019. Value, €223.

### ST PATRICK'S BENEVOLENT SOCIETY OF TORONTO PRIZE

See FOUNDATION AND NON-FOUNDATION SCHOLARSHIPS.

### 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 (2019) and a travelling scholarship (2020) 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 2019: Democracy*

### 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/>.

#### 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 School of Religion 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 School of Religion. 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, dance, 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: [www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 School of Religion, 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 School of Religion, 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 (2019) and a travelling scholarship (2020) 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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 ([www.tcd.ie/seniortutor](http://www.tcd.ie/seniortutor)). 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:

##### ALBERT E. BEATON, III SCHOLARSHIP

This gift will establish a permanent scholarship endowment with an annual scholarship of approximately €2,000 to support a deserving student who has demonstrated financial need, or whose circumstances might otherwise serve as an obstacle to obtaining an education. Psychology students will receive preference to this scholarship and would be selected through an application process administered by the Trinity Access Programmes (TAP).

##### 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.

##### NÓIRÍN PLUNKETT SCHOLARSHIP

The Nóirín Plunkett Scholarship is to be awarded to female students from the Republic of Ireland, applying to Trinity through the Trinity Access Programmes (TAP), who face particular difficulties funding their undergraduate studies. Candidates will demonstrate their commitment to computer science and contribution (or aspiration to contribute) to the life and development of Trinity College. Value, up to €1,500 annually.

##### STUDENTS' UNION PLACEMENT BURSARY

This placement bursary was established in 2017 by the TCD Students' Union and will assist students with costs associated with attending compulsory placement. Application should be made in writing to the Senior Tutor using the TCD Students' Union placement bursary application form no later than 31 January. The awards will be made by the Senior Tutor in consultation with the TCD Students' Union representatives.

#### 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.

### **Classics**

##### GERALDINE MCGUCKIAN AWARD FOR MATURE STUDENTS

This award is in memory of Geraldine McGuckian, student of this university who studied classical civilisation and biblical studies, graduating in 1996.

The purpose of this award is to assist one or more deserving and merited mature student(s) at either undergraduate or postgraduate level. Value, €700 annually.

## **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.

## **Languages, Literatures and Cultural Studies**

### **ANN BOLAND AND ANN BUDD MEMORIAL SCHOLARSHIP**

The Ann Boland and Ann Budd Scholarship will assist an outstanding female Trinity Access Programme (TAP) student, by providing her with the financial support to go on and study for a degree in Trinity College Dublin, to pursue a four year course in the School of Languages, Literatures and Cultural Studies, with preference given where the major language component is French. The scholarship has been established in memory of Trinity alumnae Ann Budd and her friend Ann Boland, the wife of esteemed Trinity alumnus John Boland. Value, €1,000 per annum.

## **Medicine**

### **AMERICAN UNIVERSITY OF BEIRUT AND TRINITY FOUNDATION ACADEMIC ENDOWMENT FUND**

Dr Ghassan Abou-Alfa and Dr Eileen O'Reilly Abou-Alfa set up this fund in 2015 to support collaboration between TCD and AUB related to the academic and clinical exchange of medical students through the mutual exchange of one or more medical students, between TCD and AUB for the purposes of study, learning, student clinical electives, teaching and/or research. The fund will provide an award in the region of €2,500 to be made bi-annually alternatively by TCD and AUB which will contribute to travel, lodging or subsistence expenses for the student to study abroad at the other institution. Applications will be invited from students during Hilary Term and the award will be made on the recommendation of a school committee.

### **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.

#### DRS MARGARET AND WILBUR TEMPLE SCHOLARSHIP

This scholarship was established in 2016 by a bequest from Drs Margaret and Wilbur Temple, in recognition of their close association with Trinity as graduates of the School of Medicine. The scholarship is to financially support a female medical student(s) from Ireland or the UK who is in difficult financial circumstances to take up or continue their studies.

Financial assistance in the region of €2,000 approx will be awarded annually. The award will be made on the recommendation of the School of Medicine committee and will be based on students' academic merit, their commitment to clinical medicine and their contribution to the academic and social development of the School of Medicine. Applications should reach the [School Office](#) by 23 October each year.

### Religion

#### GERALDINE MCGUCKIAN AWARD FOR MATURE STUDENTS

This award is in memory of Geraldine McGuckian, student of this university who studied classical civilisation and biblical studies, graduating in 1996.

The purpose of this award is to assist one or more deserving and merited mature student(s) at either undergraduate or postgraduate level. Value, €600 annually.

### 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 63).

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* and on the [College website](#) 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](#) 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](#) 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](#) 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](#).

4 Students who hold an educational grant and wish the College to apply to their educational authority (or SUSI) for payment of their fees must renew their grant application annually 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 2018.

### *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 §17 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](http://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 a (non-refundable) acceptance deposit 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 §17 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](http://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](http://my.tcd.ie). Registration cannot be completed until this charge has been paid.

### *Student Space and Centre levy*

16 A student space and centre levy of €30 per annum, for the development of the student spaces and centre for all students, was introduced following a referendum held by the students. This is a mandatory charge, and will be billed to all students from the beginning of the academic year 2019-20 onwards. The payment of the student space and centre levy, 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](http://my.tcd.ie).

### *Fees in two instalments*

17 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](http://my.tcd.ie). The second instalment where applicable will be payable on or before 31 January 2019. 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 2019 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 2019 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](http://my.tcd.ie) by a student will not be accepted as an excuse for non payment of fees or other

charges. New entrant and continuing non-E.U. students may also pay their fees in two instalments.

Note that the above dates may be subject to change. Please see [www.tcd.ie/academic-registry/fees-and-payments](http://www.tcd.ie/academic-registry/fees-and-payments) for more information.

#### *Non-publication of examination results*

18 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, 16 and 17 above and that, where necessary, the [Academic Registry](http://www.tcd.ie/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.

#### *Late registration fees*

19 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 30 October 2018 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](http://www.tcd.ie/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 [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-payments) for more information.

#### *Refund of fees*

20 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 §§21 and 22 below.

21 The Academic Registry on behalf of 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](http://www.tcd.ie/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 2019 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](http://www.tcd.ie/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 except for conditional offers and only under two circumstances:

- (a) if a student fails to meet the requirements to gain an appropriate visa into the country and has documentation to support the claim.
- (b) if a student fails to meet the college entry requirements which are required for their application and has documentation to support the claim.

The foregoing rules apply irrespective of the date on which an offer of a place is made.

22 The Academic Registry on behalf of the Treasurer/Chief Financial Officer is also authorised to make refunds to all continuing students as follows:

- (a) where the annual tuition fee has been paid and the students have not registered, 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;
- (b) 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 2019. 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

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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'.

changed (but not completed) their undergraduate course. This condition may be waived in exceptional circumstances such as cases of certified serious illness.

- (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 2018-19 (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 2019. 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 2019 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 (exception courses apply):

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 €17,960 for non-E.U.

One-year students based in the Faculties of Engineering, Mathematics and Science, and Health Sciences, the Department of Clinical Speech and Language Studies, and the School of Psychology: €7,332 for E.U. or €23,520 for non-E.U.

For fees payable by one-term students please see the Academic Registry website at [www.tcd.ie/academicregistry/fees-and-payments](http://www.tcd.ie/academicregistry/fees-and-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 Schedules of tuition fees and other charges are presented on the [Academic Registry](#) website.

The tuition fees presented 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. 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. 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.

The below non-E.U. fees are applicable to new entrants only.

#### TWO-SUBJECT MODERATORSHIP COURSES

2 Students taking courses for the B.A. degree pay the following fee annually:

E.U.	NON-E.U.
€5,681	€18,860

#### 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 annually:

E.U.	NON-E.U.
€5,681	€18,860

4 Students taking the course for the B.A.S. degree pay the following fee annually:

E.U.	NON-E.U.
€8,686	€21,105

5 Students taking the course for the B.Histr. degree pay the following fee annually:

E.U.	NON-E.U.
€9,550	€21,150

6 Students taking the course for the B.Sc. (Clin. Lang.) degree pay the following fee annually:

E.U.	NON-E.U.
€8,371	€34,420

7 Students taking the course for the B.S.S. degree pay the following fee annually:

E.U.	NON-E.U.
€8,371	€24,695

#### FACULTY OF ENGINEERING, MATHEMATICS AND SCIENCE

8 Students taking courses for the B.A. degree pay the following fee annually (excluding field courses):

E.U.	NON-E.U.
€7,332	€24,695

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	€24,695
annual fee (year 5)	€7,139	€22,575



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	€24,695
annual fee (year 5)	€7,139	€22,575

11 Students taking the course for the B.Sc. (Syst. Inf.) (evening course) degree pay the following fee annually:

	E.U.	NON-E.U.
	€5,779	€25,055

#### 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 annually:

	E.U.	NON-E.U.
	€9,339	€45,000

14 Students taking the course for the B.Dent.Tech. degree pay the following fee annually:

	E.U.	NON-E.U.
	€4,773	€15,955

15 Students taking courses for the B.A., M.B., B.Ch., and B.A.O. degrees pay the following fee annually:

	E.U.	NON-E.U.
	€8,371	€45,000

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 annually:

	E.U.	NON-E.U.
	€8,371	€22,455

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 annually:

	E.U.	NON-E.U.
	€7,332	€22,455

20 Students taking the course for the B.Sc. (Cur.) (other than children's and general nursing integrated course) degree pay the following fee annually:

	E.U.	NON-E.U.
	€7,106	€21,270

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 annually:

	E.U.	NON-E.U.
	€7,106	€21,270

22 Students taking courses for the B.N.S. or B.M.S. degrees pay the following fee annually:

	E.U.	NON-E.U.
	€5,104	€18,930

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<sup>4</sup>This is a joint degree course with the Dublin Institute of Technology.

23 Students taking the course for the B.N.S. or B.M.S. access course pay the following fee annually:

E.U.	NON-E.U.
€5,104	€11,700

24 Students taking the course for the B.Sc. (Pharm.) degree pay the following fee annually:

E.U.	NON-E.U.
€7,332	€17,725

#### 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.	NON-E.U.
Dental hygiene	annual fee <sup>5</sup>	€8,290	€18,860
Dental nursing	annual fee <sup>5</sup>	€3,988	€12,590
History of European painting	annual fee	€1,381	€6,270
Information systems	annual fee	€3,432	€13,585
Orthodontic therapy	annual fee	€13,000	€27,040
Acting and theatre	annual fee	€8,790	€18,860

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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 2018-19 include a charge of €3,000 (which may be paid in two instalments) in respect of registration, examinations, student services, etc.

# Index

## A

ADVANCED ENTRY 36  
*See also general regulations for each Faculty*  
 ABSENCE FROM EXAMINATIONS 31  
 ACADEMIC APPEALS COMMITTEES 38  
 ACADEMIC PROGRESS 28  
 ACADEMIC YEAR AND TERMS 29  
 ACCESS TO SCRIPTS 37  
 ACCOMMODATION *see* RESIDENCE  
 ACTING, BACHELOR IN 108  
 ADMISSION REQUIREMENTS 12  
   DEFERRED ENTRY 19  
   MATRICULATION EXAMINATION 23  
   MATURE STUDENTS 22  
   ONE-YEAR AND PART-YEAR STUDENTS 20  
   OTHER UNIVERSITIES AND COLLEGES 21  
   RE-ADMISSION 22  
   SPECIFIC COURSE REQUIREMENTS 14  
   STUDENTS WITH DISABILITIES 22  
   TRINITY ACCESS PROGRAMMES 22  
 ADVANCED MATERIALS, NANOSCIENCE, PHYSICS AND CHEMISTRY OF MODERATORSHIP COURSE 229  
 AEGROTAT DEGREE 36  
 ALBERT E. BEATON III SCHOLARSHIP 366  
 ANCIENT AND MEDIEVAL HISTORY AND CULTURE MODERATORSHIP COURSE 123  
 ANCIENT HISTORY AND ARCHAEOLOGY TWO-SUBJECT MODERATORSHIP COURSE 66  
 ANONYMOUS MARKING 35  
 APPLICATION FEE 371  
 ARTS, HUMANITIES AND SOCIAL SCIENCES, FACULTY OF 101  
   ACADEMIC PROGRESS 28  
   ADMISSION 12  
   ADVANCED ENTRY 36  
   CERTIFICATE COURSES 101  
   DEGREES 101  
   DIPLOMAS 101  
   EXAMINATIONS 28  
   FEES 376  
   FINANCIAL ASSISTANCE 361  
   GENERAL FACULTY REGULATIONS 101

GOLD MEDALS 34  
 PRIZES 307  
 ASSOCIATED COLLEGES 7  
 ATTENDANCE AT LECTURES 31  
 AWARDS, ENTRANCE 284  
*See also* PRIZES AND OTHER AWARDS

## B

BACHELORS, DEGREES OBTAINABLE  
 ACTING 108  
 ARTS 60, 101, 187, 232  
 BUSINESS STUDIES 102, 175  
 BUSINESS STUDIES AND A LANGUAGE 104, 133  
 DEAF STUDIES 162  
 DENTAL SCIENCE 235  
 DENTAL TECHNOLOGY 236  
 EDUCATION 7  
 ENGINEERING 196  
 GLOBAL BUSINESS 102  
 LAWS 144  
 LAWS AND BUSINESS 151  
 LAWS AND FRENCH 149  
 LAWS AND GERMAN 146  
 LAWS AND POLITICAL SCIENCE 154, 172  
 MEDICINE 241  
 MIDWIFERY 274  
 MUSIC COMPOSITION 8  
 MUSIC EDUCATION 115  
 MUSIC PERFORMANCE 9  
 NURSING 269  
 OBSTETRICS 241  
 SCIENCE (CLINICAL SPEECH AND LANGUAGE STUDIES) 157  
 SCIENCE (DIAGNOSTIC RADIOGRAPHY) 266  
 SCIENCE (EARLY CHILDHOOD EDUCATION) 8  
 SCIENCE (EDUCATION STUDIES) 7  
 SCIENCE (ENGINEERING) 196  
 SCIENCE (HUMAN HEALTH AND DISEASE) 264  
 SCIENCE (HUMAN NUTRITION AND DIETETICS) 262  
 SCIENCE (INFORMATION SYSTEMS) 195  
 SCIENCE (OCCUPATIONAL THERAPY) 250, 253  
 SCIENCE (PHARMACY) 279

SCIENCE (PHYSIOTHERAPY) 254, 257, 258  
 SCIENCE (RADIATION THERAPY) 259, 262  
 SOCIAL STUDIES 182  
 STAGE MANAGEMENT AND TECHNICAL  
 THEATRE 110  
 SURGERY 241  
 BANNERS 51  
 BEGLEY STUDENTSHIPS 367  
 BENJAMIN HUDSON FUND 363  
 BENNETT FUND, JOHN 366  
 BIOCHEMISTRY AND IMMUNOLOGY,  
 SCHOOL OF  
 MODERATORSHIP COURSES 219  
 BIOLOGICAL AND BIOMEDICAL SCIENCES  
 PROGRAMME 212  
 BOLAND, ANN AND BUDD, ANN SCHOLARSHIP  
 367  
 BOSTON FUND 362  
 BRADSHAW EXHIBITION 363  
 BROAD CURRICULUM 63  
 BURSARY FUND (1963) 362  
 BUSINESS SCHOOL, TRINITY  
 COURSES 102  
 BUSINESS STUDIES AND A LANGUAGE 104

## C

CANDIDATE BACHELORS 28  
 CAROL MCILWAINE FUND 369  
 CATHOLIC THEOLOGICAL STUDIES  
 MODERATORSHIP COURSE 170  
 CENTRAL APPLICATIONS OFFICE 12  
 CENTRE FOR DEAF STUDIES  
 DEGREE 162  
 CENTRE FOR EUROPEAN STUDIES 136  
 CENTRE FOR GENDER AND WOMEN'S STUDIES  
 125  
 CERTIFICATE AWARD CEREMONIES 44  
 CERTIFICATE IN  
 ARTS, SCIENCE AND INCLUSIVE APPLIED  
 PRACTICE 117  
 HOLOCAUST EDUCATION 101  
 INNOVATION AND ENTREPRENEURSHIP 283  
 CHAMBERS – LENNOX BURSARY 363  
 CHEMICAL SCIENCES PROGRAMME 212  
 CHEMISTRY, SCHOOL OF  
 MODERATORSHIP COURSES 218  
 CHEMISTRY WITH MOLECULAR MODELLING  
 MODERATORSHIP COURSE 227  
 CHILD TRAFFICKING AND PORNOGRAPHY ACTS  
 1998 TO 2004 59  
 CHURCH OF IRELAND COLLEGE OF EDUCATION  
 7

CLASSICAL CIVILISATION  
 TWO-SUBJECT MODERATORSHIP COURSE  
 68  
 CLASSICS  
 MODERATORSHIP COURSES 125  
 CLINICAL SPEECH AND LANGUAGE STUDIES  
 DEGREES 157  
 COLLEGE  
 CHARGES 370  
 CONCERTS 53  
 HOLIDAYS 29  
 MEETINGS AND EVENTS 51  
 RESIDENCE 54  
 TUTORS 30  
 COLUMBIA UNIVERSITY 121, 127, 138, 142  
 COLLINS, JOHN RUPERT FUND 368  
 COMMONS 57  
 COMPUTER SCIENCE AND BUSINESS  
 MODERATORSHIP COURSE 102, 188  
 COMPUTER SCIENCE AND LANGUAGE  
 MODERATORSHIP COURSE 183, 193  
 COMPUTER SCIENCE AND STATISTICS 188  
 DAY COURSES 188  
 EVENING COURSES 195  
 CONDUCT AND COLLEGE REGULATIONS 48  
 COPYRIGHT 58  
 COTTER, ELLEN FUND 362  
 COURTS OF FIRST APPEAL 38  
 CREDIT WEIGHTING FOR COURSES 34  
 CROWE EXHIBITIONS 362  
 CULVERWELL FUND 362

## D

DATA PROTECTION 58  
 DENTAL HYGIENE, DIPLOMA IN 237  
 DENTAL NURSING, DIPLOMA IN 238  
 DENTAL SCIENCE, SCHOOL OF 234  
 GENERAL FACULTY REGULATIONS 232  
 MODERATORSHIP 235  
 DENTAL TECHNOLOGY, DEGREE IN 236  
 DIGBY MEMORIAL FUND 363  
 DIGNITY AND RESPECT 59  
 DISCIPLINE 57  
 DIT CONSERVATORY OF MUSIC AND DRAMA  
 115  
 DOWNES EXHIBITION 364  
 DRAMA  
 MODERATORSHIP COURSES 105  
 TWO-SUBJECT MODERATORSHIP COURSE  
 72

## E

EARLY AND MODERN IRISH  
MODERATORSHIP COURSES 133  
TWO-SUBJECT MODERATORSHIP COURSES  
74, 89  
*See also* IRISH AND CELTIC LANGUAGES  
EARTH SCIENCES MODERATORSHIP COURSE  
225  
ECONOMIC AND SOCIAL STUDIES  
MODERATORSHIP COURSE 175  
ECONOMICS  
MODERATORSHIP COURSES 102, 175  
TWO-SUBJECT MODERATORSHIP COURSE  
75  
EDUCATION, SCHOOL OF 115  
ADMISSION 115  
BACHELOR'S DEGREE 115  
EDUCATIONAL OBJECTIVES OF THE  
MODERATORSHIP 26  
ENGINEERING, MATHEMATICS AND SCIENCE,  
FACULTY OF 187  
ACADEMIC PROGRESS 28  
ADVANCED ENTRY 36  
ADMISSION 12  
DEGREES 187  
DIPLOMA 187  
EXAMINATIONS 28  
FEES 376  
FINANCIAL ASSISTANCE 361  
GENERAL FACULTY REGULATIONS 187  
GOLD MEDALS 34  
PRIZES 330  
ENGINEERING SCIENCE 196  
COURSES 196, 206  
ENGLISH, SCHOOL OF  
MODERATORSHIP COURSES 76, 120  
TWO-SUBJECT MODERATORSHIP COURSE  
76  
ENTRANCE AWARDS 284  
ENTRANCE EXAMINATION *see* MATRICULATION  
ENTRANCE EXHIBITIONS 284  
ENTRANCE TO THE UNIVERSITY 12  
ENVIRONMENTAL SCIENCES  
MODERATORSHIP COURSE 220  
ERASMUS AND STUDY ABROAD 43  
ESF STUDENT ASSISTANCE FUND 362  
EUROPEAN CREDIT TRANSFER SCHEME 34  
EUROPEAN STUDIES MODERATORSHIP  
COURSE 136  
EVENING COURSES 12, 195  
EXAMINATION PAPERS 34

EXAMINATIONS, REGULATIONS GOVERNING  
34

*See also the various Faculties*

## F

FACULTIES  
ARTS, HUMANITIES AND SOCIAL SCIENCES  
101  
ENGINEERING, MATHEMATICS AND SCIENCE  
187  
HEALTH SCIENCES 232  
FEES 370  
ABRIDGEMENT OF COURSES 371  
APPLICATION FEE 371  
EXCHEQUER PAYMENT IN RESPECT OF FULL-  
TIME UNDERGRADUATE TUITION FEES 374  
FINANCIAL ASSISTANCE 375  
LATE REGISTRATION FEES 373  
MATRICULATION 371  
NON-E.U. FEES 370  
NON-PUBLICATION OF EXAMINATION  
RESULTS 373  
ONE-YEAR AND ONE-TERM 375  
REFUND 373  
STUDENT SPACE AND CENTRE LEVY 372  
STUDENT SPORTS CENTRE CHARGE 372  
TWO INSTALMENTS 372  
*See also College Charges, and under  
individual Faculties*  
FIELD EXHIBITION 362  
FILM STUDIES  
TWO-SUBJECT MODERATORSHIP COURSE  
77  
FINANCIAL ASSISTANCE 361  
GENERAL INFORMATION 361  
FITNESS TO PRACTISE 32  
FOUNDATION AND NON-FOUNDATION  
SCHOLARSHIPS 288  
FREDERICK PRICE LECTURES 268  
FREDERICK PURSER  
GRADUATES' FUND 364  
UNDERGRADUATES' FUND 365  
FREEDOM OF INFORMATION 59  
FRENCH  
HONOR COURSES 78, 136, 138  
TWO-SUBJECT MODERATORSHIP COURSE  
78  
FRESHMEN, DEFINED 28  
  
**G**  
  
GAELTACHT VISITS 369

GARDA/POLICE VETTING 18, 32, 157, 162, 232  
 GENERAL FACULTY REGULATIONS  
*See Faculty concerned*  
 GENERAL REGULATIONS AND INFORMATION 26  
 GENETICS  
   MODERATORSHIP COURSES 220  
 GENETICS AND MICROBIOLOGY, SCHOOL OF  
   MODERATORSHIP COURSES 211  
 GEOGRAPHY  
   MODERATORSHIP COURSES 80, 179, 218  
   TWO-SUBJECT MODERATORSHIP COURSE 80  
 GEOGRAPHY AND GEOSCIENCE PROGRAMME 213  
 GEOLOGY  
   MODERATORSHIP COURSES 218  
 GERALDINE MCGUCKIAN AWARDS 366, 369  
 GERMAN  
   HONOR COURSES 81, 136, 138  
   TWO-SUBJECT MODERATORSHIP COURSE 81  
 GLENNY TRAVELLING STUDENTSHIP 368  
 GOLD MEDALS 34, 65, 102, 188, 233  
 GOVERNMENT'S TUITION FEE REMISSION SCHEME 371  
 GRACE, AT COMMONS 291  
 GREEK  
   MODERATORSHIP COURSES 70, 125  
   TWO-SUBJECT MODERATORSHIP COURSE 70

## H

H.E.C. COURSE 176  
 HEALTH SCIENCES, FACULTY OF 232  
   ADMISSION 12, 232  
   DEGREES 232  
   DIPLOMAS 232  
   FEES 377  
   FINANCIAL ASSISTANCE 361  
   GENERAL FACULTY REGULATIONS 232  
   GOLD MEDALS 34  
   PRIZES 344  
 HEALTH SCREENING AND VACCINATION 158, 183, 234, 240, 269, 280  
 HEFFERNAN BURSARY 367  
 HISTORIES AND HUMANITIES, SCHOOL OF 123  
 HISTORY 126  
   MODERATORSHIP COURSES 82, 126, 127  
   TWO-SUBJECT MODERATORSHIP COURSE 82

HISTORY AND POLITICAL SCIENCE  
   MODERATORSHIP COURSE 129  
 HISTORY OF ART AND ARCHITECTURE 132  
   MODERATORSHIP COURSES 84, 132  
   TWO-SUBJECT MODERATORSHIP COURSE 84  
 HISTORY OF EUROPEAN PAINTING,  
   SCHOLARSHIP AND DIPLOMA 132, 357  
 HOLIDAYS, PUBLIC 29  
 HUMAN GENETICS  
   MODERATORSHIP COURSE 226  
 HUMAN HEALTH AND DISEASE  
   DEGREE 264  
 HUMAN NUTRITION AND DIETETICS  
   DEGREE 262

## I

ILLNESS, ABSENCE DUE TO  
   *See* GENERAL REGULATIONS AND INFORMATION  
 IMMUNOLOGY  
   MODERATORSHIP COURSE 222  
 INFORMATION SYSTEMS  
   DIPLOMA 195  
   EVENING B.SC. DEGREE 195  
 I.N.S.A. DE LYON PROGRAMME 196, 203  
 INSTITUTIONAL MARKING SCALE 34  
 INSURANCE 58  
 IRISH AND CELTIC LANGUAGES 133  
   GRANTS 369  
   MODERATORSHIP COURSES 74, 89, 133  
   TWO-SUBJECT MODERATORSHIP COURSES 74, 89  
 IRISH STUDIES  
   MODERATORSHIP COURSE 186  
 ISLAMIC CIVILISATIONS, JEWISH AND  
   TWO-SUBJECT MODERATORSHIP COURSE 86  
 ITALIAN  
   MODERATORSHIP COURSES 85, 136, 138  
   TWO-SUBJECT MODERATORSHIP COURSE 85

## J

J.W. BIGGER SCHOLARSHIP 368  
 JACKIE AKERELE FUND 365  
 JEAN MONTGOMERY FUND 364  
 JEWISH AND ISLAMIC CIVILISATIONS  
   TWO-SUBJECT MODERATORSHIP COURSE 86  
 JOHN MALLET PURSER LECTURES 267

## JUNIOR

FRESHMAN 28  
SOPHISTER 28

## L

LANE LECTURES 268

LANGUAGES, LITERATURES AND CULTURAL  
STUDIES, SCHOOL OF 133

### LATIN

MODERATORSHIP COURSES 71, 125

TWO-SUBJECT MODERATORSHIP COURSE  
71

*See also* CLASSICS

LAWS AND BUSINESS HONOR COURSE 151

LAWS AND FRENCH HONOR COURSE 149

LAWS AND GERMAN HONOR COURSE 146

LAWS AND POLITICAL SCIENCE HONOR  
COURSE 154

LAW, SCHOOL OF 144

COURSES 144

LAW STUDENTS' QUATERCENTENARY FUND  
364

LECTURE TERMS 29

*See also* ALMANACK, PART I

### LECTURES

ATTENDANCE AT 31

SPECIAL 267

*See also* ALMANACK, PART I

### LIBRARY

ADMISSION OF READERS 45

REGULATIONS 45

LINGUISTIC, SPEECH AND COMMUNICATION  
SCIENCES, SCHOOL OF 157

LIPPERT CHAIR OF JEWISH STUDIES 359

LIVING IN COLLEGE 54

LONGFIELD FUND 355

*See* LIBRARY OF TRINITY COLLEGE, PART I

LUCY GWYNN FUND 362

## M

MACKAY WILSON FUND 364

MARINO INSTITUTE OF EDUCATION 7

MATHEMATICS, SCHOOL OF 207

MODERATORSHIP COURSES 88, 207

ROWE FUND LIBRARY 207

TWO-SUBJECT MODERATORSHIP COURSE  
88

MATRICULATION EXAMINATION 23

FEE 23, 371

*See also* ADMISSION REQUIREMENTS

MATURE STUDENTS 22

FOUNDATION COURSE 22

MEDICAL COUNCIL 242, 249, 250

MEDICINAL CHEMISTRY MODERATORSHIP  
COURSE 228

MEDICINE, DEGREE IN 241

MEDICINE, SCHOOL OF 240

GENERAL FACULTY REGULATIONS 232

INTERCALATED M.SC. 242

MODERATORSHIP 241

SPECIAL LECTURES 267

MERLE HANNA AWARD 366

### MICROBIOLOGY

MODERATORSHIP COURSE 222

### MIDWIFERY

ACCESS COURSE 277

DEGREES 274

MINCHIN BURSARY 364

MISCELLANEOUS AWARDS AND FUNDS 356

MODERN LANGUAGES AND LITERATURE

*See* TWO-SUBJECT MODERATORSHIP  
COURSES

### MOLECULAR MEDICINE

MODERATORSHIP COURSE 223

### MUSIC 113

DEGREES 113

MODERATORSHIP COURSES 90, 113

TWO-SUBJECT MODERATORSHIP COURSE  
90

MUSIC EDUCATION, BACHELOR IN 115

## N

NANOSCIENCE, PHYSICS AND CHEMISTRY OF  
ADVANCED MATERIALS

MODERATORSHIP COURSE 229

NATIONAL ACADEMY OF DRAMATIC ART 108

NATURAL SCIENCES, SCHOOL OF

MODERATORSHIP COURSES 211

NOIRIN PLUNKETT SCHOLARSHIP 366

NON-FACULTY COURSES 283

NON-FOUNDATION SCHOLARSHIPS 288

NON-SATISFACTORY ATTENDANCE AND  
COURSE WORK 32

NURSING AND MIDWIFERY, SCHOOL OF 268

ACADEMIC PROGRESS 270

ACCESS COURSES 276

## O

OBSTETRICS AND GYNAECOLOGY

DEGREES 241

OCCUPATIONAL THERAPY 250, 253

ONE-YEAR AND PART-YEAR STUDENTS

ADMISSION 20  
 FEES 375  
 O'SULLIVAN MEMORIAL SCHOLARSHIP 368  
 OTHER UNIVERSITIES, ADMISSION OF  
 STUDENTS FROM 20  
 OVERSEAS STUDENTS, ADMISSION TO  
 UNIVERSITY 43  
 OWEN SHEEHY SKEFFINGTON MEMORIAL  
 AWARDS 365

## P

PANEL OF ENQUIRY 50  
 PHARMACY AND PHARMACEUTICAL SCIENCES,  
 SCHOOL OF 278  
 COURSE 279  
 REGULATIONS 278  
 PHILOSOPHY  
 MODERATORSHIP COURSES 92, 174  
 TWO-SUBJECT MODERATORSHIP COURSE  
 92  
 PHILOSOPHY, POLITICAL SCIENCE, ECONOMICS  
 AND SOCIOLOGY MODERATORSHIP COURSE  
 172  
 PHYSICAL SCIENCES PROGRAMME 213  
 PHYSICS, SCHOOL OF  
 MODERATORSHIP COURSES 211  
 PHYSICS AND ASTROPHYSICS  
 MODERATORSHIP COURSE 224  
 PHYSIOLOGY  
 MODERATORSHIP COURSE 224  
 PHYSIOTHERAPY 254, 258  
 PLAGIARISM 37, 46  
 PLANT SCIENCES MODERATORSHIP COURSE  
 224  
 PLANTS OF THE BURREN FUND 360  
 POLITICAL SCIENCE  
 HONOR COURSES 101  
 POLITICAL SCIENCE AND GEOGRAPHY  
 MODERATORSHIP COURSE 179  
 POSTERS AND NOTICES 50  
 PRIZES AND OTHER AWARDS 306  
 BUSINESS STUDIES 307  
 CLASSICS 308  
 CLINICAL SPEECH AND LANGUAGE STUDIES  
 311  
 COMPARATIVE PHILOLOGY 312  
 COMPUTER SCIENCE AND STATISTICS 330  
 DEAF STUDIES 312  
 DENTAL SCIENCE 344  
 DRAMA AND THEATRE STUDIES 312  
 ECONOMICS 313  
 ENGINEERING 331

ENGLISH 318  
 FINANCIAL ASSISTANCE 361  
 FRENCH 319  
 GENERAL STUDIES 306  
 GERMAN 320  
 HISTORY 313  
 HISTORY OF ART AND ARCHITECTURE 314  
 IRISH AND CELTIC LANGUAGES 315  
 ITALIAN 320  
 LAW 315  
 MANAGEMENT SCIENCE AND INFORMATION  
 SYSTEMS STUDIES 330  
 MATHEMATICS 336  
 MEDICINE 344  
 MISCELLANEOUS 356  
 MODERATORSHIP 355  
 MODERN LANGUAGES 317  
 MUSIC 321  
 NEAR AND MIDDLE EASTERN STUDIES 322  
 NURSING AND MIDWIFERY 350  
 OCCUPATIONAL THERAPY 352  
 PHARMACY 352  
 PHILOSOPHY 323  
 PHYSIOTHERAPY 353  
 POLITICAL SCIENCE 325  
 PSYCHOLOGY 326  
 RADIATION THERAPY 354  
 RELIGION 326  
 RUSSIAN 321  
 SANSKRIT 312  
 SCIENCE 337  
 SOCIAL STUDIES 328  
 SOCIOLOGY 329  
 SOCIOLOGY AND SOCIAL POLICY 329  
 PSYCHOLOGY, SCHOOL OF 165  
 MODERATORSHIP COURSES 93, 165  
 TWO-SUBJECT MODERATORSHIP COURSE  
 93

## R

RE-CHECK/RE-MARK OF EXAMINATION  
 SCRIPTS 38  
 RECORDING OF LECTURES 50  
 REFUND, FEES 373  
 REGISTRATION OF STUDENTS 29  
 REGULATIONS AND INFORMATION, GENERAL  
 26  
 RELIGION, SCHOOL OF 168  
 REPETITION OF YEAR  
 See GENERAL REGULATIONS AND  
 INFORMATION  
 REPLACEMENT ON BOOKS 44



RESIDENCE 54  
 ROE FUND 368  
 ROSE DEEGAN FUND 367  
 ROWE FUND LIBRARY 207  
 ROYAL IRISH ACADEMY OF MUSIC 9, 10, 101,  
 115  
 RUSSIAN AND SLAVONIC STUDIES  
 HONOR COURSES 95, 136, 138  
 TWO-SUBJECT MODERATORSHIP COURSE  
 95

## S

SAFETY 58  
 ST PATRICK'S BENEVOLENT SOCIETY OF  
 TORONTO PRIZE 291  
 SALE OF PRINTED MATTER 51  
 SALMON FUND 363  
 SCHOLARS OF THE HOUSE  
 ELECTION 288  
 EMOLUMENTS 289  
 RESIDENCE 289  
 TENURE 289  
 WAITERSHIPS 291  
 SCHOLARSHIPS AND GRANTS *see* ENTRANCE  
 AWARDS, FOUNDATION AND NON-  
 FOUNDATION SCHOLARSHIPS, PRIZES AND  
 OTHER AWARDS, AND FINANCIAL  
 ASSISTANCE  
 SCHOOL OF  
 BUSINESS, TRINITY 102  
 CREATIVE ARTS 105  
 DENTAL SCIENCE 234  
 EDUCATION 115  
 ENGLISH 120  
 HISTORIES AND HUMANITIES 123  
 LANGUAGES, LITERATURES AND CULTURAL  
 STUDIES 133  
 LAW 144  
 LINGUISTIC, SPEECH AND COMMUNICATION  
 SCIENCES 157  
 MATHEMATICS 207  
 MEDICINE 240  
 NURSING AND MIDWIFERY 268  
 PHARMACY AND PHARMACEUTICAL  
 SCIENCES 278  
 PSYCHOLOGY 165  
 RELIGION 168  
 SOCIAL SCIENCES AND PHILOSOPHY 172  
 SOCIAL WORK AND SOCIAL POLICY 181  
 SCIENCE  
 FIELD COURSES 215  
 MODERATORSHIP COURSE 214

SEMESTERS 29  
*See also* ALMANACK, PART I  
 SENIOR  
 FRESHMAN 28  
 SOPHISTER 28  
 SINGAPORE INSTITUTE OF TECHNOLOGY 253,  
 257, 258, 262, 266  
 SIZARSHIPS 285  
 SMOKING IN COLLEGE 59  
 SOCIAL SCIENCES AND PHILOSOPHY, SCHOOL  
 OF 172  
 SOCIAL STUDIES *see* SOCIAL WORK AND  
 SOCIAL POLICY, SCHOOL OF  
 SOCIAL WORK AND SOCIAL POLICY, SCHOOL  
 OF 181  
 SOCIOLOGY  
 MODERATORSHIP COURSES 96, 101  
 TWO-SUBJECT MODERATORSHIP COURSE  
 96  
 SOCIOLOGY AND SOCIAL POLICY  
 MODERATORSHIP COURSE 178  
 SOPHISTERS, DEFINED 28  
 SPAN EXHIBITIONS 363  
 SPANISH  
 MODERATORSHIP COURSES 97, 136, 138  
 TWO-SUBJECT MODERATORSHIP COURSE  
 97  
 SPECIAL LECTURES 267  
 STAGE MANAGEMENT AND TECHNICAL  
 THEATRE, BACHELOR IN 110  
 STALLS 51  
 STANLEY FUND 363  
 STATISTICS AND OPERATIONS RESEARCH  
 LABORATORY 230  
 STEARNE EXHIBITIONS 363  
 STUDENT PARTNERSHIP 46  
 STUDENT DISABILITY SERVICE *see* DISABILITY  
 SERVICE  
 STUDENT HARDSHIP FUND 362  
 STUDENTS' UNION PLACEMENT BURSARY 366  
 SURGERY 241

## T

T.J.D. LANE LECTURES 268  
 TAVERNERS' CRICKET SPORTS BURSARY 365  
 TEMPLE SCHOLARSHIP 369  
 TERMINOLOGY, COLLEGE 28  
 TERMS  
 ACADEMIC 29  
*See also* ALMANACK, PART I  
 THAPAR INSTITUTE OF ENGINEERING AND  
 TECHNOLOGY 206

THE LIR 108, 110, 112  
 THEORETICAL PHYSICS *see* MATHEMATICS  
 TRAFFIC REGULATIONS 52  
 TRANSFER FROM COURSES  
     *See* GENERAL REGULATIONS AND  
         INFORMATION  
 TRINITY ACCESS PROGRAMMES (TAP) 22  
     PRIZES 356, 358, 367  
     SCHOLARSHIP 366  
 TRINITY HALL 54  
 TUTORS, COLLEGE 30  
     ASSIGNMENT OF PUPILS TO 30  
 TWO INSTALMENTS, FEES IN 372  
 TWO-SUBJECT MODERATORSHIP COURSES 60  
     ADVANCED ENTRY 36  
     ACADEMIC PROGRESS 63  
     ADMISSION 12, 60  
     CONTENT OF SUBJECTS 65  
     DEGREE 60  
     ERASMUS AND STUDY ABROAD 61  
     EXAMINATIONS 63  
     FEES 376  
     FINANCIAL ASSISTANCE 361  
     GENERAL REGULATIONS 60  
     GOLD MEDALS 34  
     PRIZES 65  
     SCHOLARSHIP 291  
     TABLE OF PERMITTED SUBJECT  
         COMBINATIONS 100

## U

UNDERGRADUATE COURSES *see* FACULTIES  
 UNDERGRADUATE STUDIES COMMITTEE 6  
 UNIVERSAL ACCESS PATHWAYS 52

## V

VALIDATED COURSES  
     UNDERGRADUATE 7  
 VISUAL AND PERFORMING ARTS FUND 359

## W

WAITERSHIPS 291  
 WASTE MANAGEMENT AND RECYCLING 53  
 WILLIAM AND MARY ATKINS FUND 362  
 WORLD RELIGIONS AND THEOLOGY  
     MODERATORSHIP COURSES 98, 168  
     TWO-SUBJECT MODERATORSHIP COURSE  
         98  
 WORRALL EXHIBITIONS 363

## Y

YEAR, ACADEMIC 29

## Z

ZOOLOGY  
     MODERATORSHIP COURSE 225