

# 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 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:

- (i) satisfactory attendance at recognised general and specialist hospitals;
- (ii) satisfactory attendance for clinical instruction on a specialist rotation in psychiatry at a hospital recognised by the school;
- (iii) satisfactory attendance at a course in paediatrics and child health at hospitals accredited by the school and have received instruction in neonatal paediatrics.

To pass part III candidates must obtain 50 per cent in (a) medicine/psychiatry (including therapeutics) **and** in (b) paediatrics and child health and complete all continuous assessments of

each course. Candidates who pass part (a) or (b) but fail in the other will be re-examined in the subject(s) (written and clinical components) in which they have failed.

#### IV SURGERY (INCLUDING ENT, OPHTHALMOLOGY)

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 specialities 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 specialities 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 pharmaceuticals 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.