

**A
Guide
to
Intercalated
Degrees
2018/19**

This guide contains information for medical and dental students who are considering taking an intercalated degree in the academic year 2018-2019. The purpose is to provide a general overview of the intercalated degrees available. However, this is only a starting point for students who are convinced that they would like to take this option. The most comprehensive information can be obtained from the co-ordinators of the various degree courses.

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GENERAL INFORMATION ON INTERCALATED STUDENTS

What is an Intercalated degree?

An intercalated degree is a degree taken between two years of a medical or dental course.

Timing of Intercalated BSc degrees

The first two years of a medical or dental course with the addition of the intercalated year fulfil the requirement of three years study for the award of an undergraduate degree. Intercalated BSc degrees are usually taken after the end of the 2nd or 3rd year of the medical or dental curriculum. It is also possible to do an intercalated degree between 4th and 5th year, but not usually recommended as this would break up the flow of the main clinical teaching.

Intercalated Masters degrees are usually taken after the end of the 3rd year of the medical or dental curriculum.

Selection for Intercalated degree courses

Acceptance onto a degree course is subject to the agreement of the relevant degree co-ordinator and final approval by the Director of the Centre for Medical Education or the Director of the Centre for Dentistry as appropriate. Students will be informed of the decision at the beginning of July.

Going to another university for the Intercalated degree year

It is possible to take an intercalated degree at a university somewhere else in the U.K. or in the Republic of Ireland or elsewhere in Europe, but there are two major considerations. Firstly, the appropriate Centre in the School of Medicine, Dentistry and Biomedical Sciences at QUB must authorise the course to be taken and secondly, the appropriate body in the other university must agree that the previous studies taken and the standard attained are a suitable preparation for the degree course to be undertaken. The co-ordinator in QUB in the chosen subject should be able to help you make the right contacts. Some UK Universities do not, however, accept candidates from outside their own Medical School. For initial enquiries about leaving QUB for the intercalated year, medical students should contact Ms Perpetua Lewis (p.lewis@qub.ac.uk) in the Progress and Assessment Office of the Centre for Medical Education. Dental students should contact Mrs Helen Martin (h.martin@qub.ac.uk) in the Centre for Dentistry.

Considerations for students taking medical / dental courses at other universities to pursue an intercalated degree at QUB

The content of the previous years of study in pre-clinical/clinical courses must provide an appropriate background of sufficient depth and breadth for the degree to be undertaken. Also, the previous performance of the student will be judged according to the selection criteria given for QUB students.

Clinical Academic Training Programme (CATP)

Dr Cecilia O’Kane and Professor Chris Irwin are the Medical and Dental Student leads respectively on the School CATP Board. If you would like to find out more about Clinical Academic Training opportunities within the school you can contact Dr O’Kane by email on c.okane@qub.ac.uk or Professor Chris Irwin by email at c.r.irwin@qub.ac.uk.

INSPIRE Intercalated Degree Fair

Each year the School holds an intercalated fair and this year the details are as follows:

INSPIRE INTERCALATED DEGREE FAIR

Date **Wednesday 8th November, 2017**

Time **4pm**

Venue **North Lecture Theatre, Medical Biology Centre (MBC).**

The fair will be an opportunity for prospective intercalated students to come along and find out about the degrees on offer from course coordinators and intercalated students (past and present). Prospective intercalated students can obtain general information about what programmes are on offer and how to go about applying for a particular degree course.

INTERCALATED MASTERS DEGREES ON OFFER FOR 2018-19

1. [Masters of Public Health](#) (MPH)
2. [MSc in Bioinformatics & Computational Genomics](#)
3. [MSc Clinical Anatomy](#)
4. [MSc Molecular Pathology of Cancer](#)
5. MPH in Global Health * *new*
6. MSc (Res) Cancer Medicine * *new*
7. MSc (Res) Oncology Drug Discover * *new*
8. MSc Experimental Medicine - *subject to approval*

PROGRAMME SPECIFICATIONS AND MODULE INFORMATION

The programme specification will contain further details on programmes including the educational aims, learning outcomes and module information. Programme Specifications are held on [Academic Affairs webpages](#) or can be accessed directly by clicking on the programme titles below.

Module content is also available via the University module information site which can be found [here](#). Please then enter the subject area to search for the module of interest i.e. SCM.

PROGRAMME TITLE	MODULE TITLE <i>(Please refer to programme specification and module information for details on compulsory and optional modules etc)</i>	MODULE CODE
Masters of Public Health	Dissertation - Public Health	SCM8030
	Medical Statistics for Postgraduate Students	SCM7044
	Determinants of Health and Disease and Health Improvement	SCM8102
	Public Health Sciences	SCM8103
	Health Protection	SCM8104
	Health and Social Care Systems	SCM8105
	Global Health 1 : Non- communicable diseases	SCM8107
	Public Health Skills in Practice	SCM8135
	GlobalHealth 2: Maternal and Child Health	SCM8136
	Global Health 3 - Development	SCM8137
MSc in Bioinformatics & Computational Genomics	Scientific Programming & Statistical Computing	SCM7047
	Analysis of Gene Expression	SCM8051
	Dissertation	SCM8053
	Genomics and Human Disease	SCM8095
	Applied Genomics	SCM8108
	Biostatistical Informatics	SCM8109
	Digital Pathology Distance Learning	SCM8124
MSc Clinical Anatomy	Anatomy Project	SCM8079
	Applied Anatomy of the Trunk	SCM8112
	Applied Anatomy of the Head, Neck and Brain	SCM8113

Postgraduate Intercalated Degrees

	Applied anatomy of the Limbs and Back	SCM8114
	Evolution of the Human Body	SCM8115
	Special Topics in Microscopic Anatomy	SCM8116
MSc Molecular Pathology of Cancer	Biostatistical Informatics	SCM8109
	Cancer Biology/Immunology Genomics	SCM8121
	Molecular Pathology: Diagnostics and Technologies	SCM8122
	Translational Research	SCM8123
	Digital Pathology Distance Learning	SCM8124
	The Academia-Industry Intersect	SCM8126
	Dissertation	SCM8127

Please note that programme specifications, modules offered and module content are subject to change prior to the 2018-19 academic year commencing and should be used as a guide only.

CONTACTS FOR FURTHER INFORMATION

	Course	Programme Co-ordinator	Email
1	Masters of Public Health	Dr Dermot O'Reilly	d.oreilly@qub.ac.uk
2	MSc in Bioinformatics & Computational Genomics	Dr J Blayney	j.blayney@qub.ac.uk
3	MSc Clinical Anatomy	Ms S Taylor	s.j.taylor@qub.ac.uk
4	MSc Molecular Pathology of Cancer	Dr J James	j.james@qub.ac.uk
5	Masters in Global Health	Professor Nathan Congdon	n.congdon@qub.ac.uk
6	MSc (Res) Cancer Medicine	Dr Paul Mullan	p.mullan@qub.ac.uk
7	MSc (Res) Oncology Drug Discovery	Dr Richard Williams	rich.williams@qub.ac.uk
8	MSc in Experimental Medicine	Dr Ultan Power	u.power@qub.ac.uk

Administrative queries to Postgraduate & Professional Development

Phone: 028 9097 2615

Email: pgoffice.smdb@qub.ac.uk

Schools Intercalated Webpage - <http://go.qub.ac.uk/intercalate>

ADMISSIONS CRITERIA FOR 2018-19

Intercalating medical and dental students within QUB will be considered if they have successfully completed the third year of their course at first attempt and achieved an overall profile which is 2.1 equivalent. Intercalating applicants should also ensure they have permission to intercalate from either the Director for Medical Education or Dentistry as appropriate.

An external medical or dental student wishing to intercalate must have successfully completed all assessments in the year in which they are applying. External intercalating applicants should also ensure they have the permission of the Head of Undergraduate Medical/Dental Education or equivalent from their home University, which should be submitted to QUB Admissions Office.

APPLICATION PROCESS

1. Students should apply via the Queen's online portal https://dap.qub.ac.uk/portal/user/u_login.php
2. Students should also submit a 'permission form for a year out'. Please contact Ms Perpetua Lewis, Student Support and Guidance Officer, Centre for Medical Education, Whitla Medical Building (p.lewis@qub.ac.uk) for further information and for a copy of this form if required. You can also download this form [here](#). Dental students should contact Mrs Helen Martin (h.martin@qub.ac.uk) in the Centre for Dentistry.
3. Applicants applying for funding must submit their application by Wednesday 31 January 2018 via the online portal. Applicants will automatically be considered for an intercalated scholarship if they have submitted by this date. Closing date for all remaining applications is Monday 30 April 2018.

INTERCALATED MASTERS/MSC SCHOLARSHIPS

School Scholarship for Intercalated Masters Programmes

The School of Medicine Dentistry and Biomedical Sciences are offering up to 7 competitive intercalated scholarships for the academic year 2018-19 for QUB Medical and Dental students undertaking the intercalated Masters.

The Scholarships, to the value of £6,500 each, will cover tuition fees and a bursary. The Terms of these Scholarships, including eligibility, are as follows;

1. Students must be registered medical or dental students at Queen's University.
2. Must have successfully completed, or be due to complete, third year medical or dental examinations on the first attempt with an overall classification of a 2.1 honours degree or better.
3. Must have applied online to undertake one of the masters intercalated degrees by 31 January 2018 via the University's [Direct Applications Portal](#).
 - Masters of Public Health (MPH)
 - MSc in Bioinformatics & Computational Genomics
 - MSc Clinical Anatomy

- MSc Molecular Pathology of Cancer
 - MPH in Global Health
 - MSc (Res) Cancer Medicine
 - MSc Oncology Drug Discovery
 - MSc Experimental Medicine – *subject to approval*
4. The scholarships will be competitive and will be awarded on the basis of academic rankings.
 5. Queen's Medical/Dental students must submit a 'Permission Form for Year Out'. Please complete the form available from Mrs Perpetua Lewis, Centre for Medical Education, Whitla Medical Building (p.lewis@qub.ac.uk).

Mathews Family Scholarship for Medical students

Details on this scholarship, entrance criteria and application process will be published on the [intercalated webpages](#) once it is available.

INTERCALATED BSc DEGREES ON OFFER FOR 2018-19

The following programmes are available to students who have successfully completed the courses of studies for second/third year of Medicine or Dentistry. The consent of the Director of the appropriate Education Centre is required.

- BSc Medical Science
- BSc Biochemistry
- BSc Microbiology
- BSc Intercalated Psychology (within School of Psychology, QUB)

PROGRAMME SPECIFICATIONS AND MODULE INFORMATION

The programme specification will contain further details on programmes including the educational aims, learning outcomes and module information. Programme Specifications are held on [Academic Affairs webpages](#) or can be accessed directly by clicking on the programme titles below.

Module content is also available via the University module information site which can be found [here](#). Please then enter the subject area to search for the module of interest i.e. BMS.

PROGRAMME TITLE	MODULE TITLE <i>(Please refer to programme specification and module information for details on compulsory and optional modules etc)</i>	MODULE CODE
BSc Medical Science	Research Project	BMS3112
	Embryology & Developmental Biology	BMS3105
	Sports and Exercise Physiology	BMS3103
	Advanced Neurosciences	BMS3102
	Cardiovascular Pathobiology & Treatment	BMS3107
	Principles of Pharmacology & Therapeutics	BMS3106
BSc Biochemistry	Research Project	BIO3308
	Bacterial Genetics and Genetic Manipulation	BIO3203
	Industrial Microbiology	BIO3103
	Immunology and Pathogenesis of Infectious Diseases	BIO3104
	Biomolecules in Health and Disease	BIO3304
BSc Microbiology	Research Project	BIO3308
	Parasitology	BIO3107
	Zoonoses	BIO3204
	Bacterial Genetics and Genetic Manipulation	BIO3203
	Industrial Microbiology	BIO3103
	Immunology and Pathogenesis of Infectious Diseases	BIO3104
BSc Intercalated Psychology	Psychopharmacology	PSY3088
	Developmental Disorders	PSY3066
	Typical and Atypical Literacy Development	PSY3096
	Psychological Research Methods for Intercalating Students	PSY3102
	The Visual Brain	PSY3104
	Psychological Approaches to Distress	PSY3106
	Thesis	PSY3001

	Advanced Topics in Cognitive Development	PSY3111
	The Psychology of Music	PSY3109
	Exploring Psychological Issues in Cancer	PSY3108
	Sport and Exercise Psychology	PSY3115
	Psychology of Gender	PSY3117
	Using Nudges to Change Behaviour	PSY3118
	Youth and Political Violence: Risk and Resilience Processes	PSY3112

Please note that programme specifications, modules offered and module content are subject to change prior to the 2018-19 academic year commencing and should be used as a guide only.

CONTACTS FOR FURTHER INFORMATION

Intercalated BSc Subject	Degree co-ordinator	Location	Telephone	Email
Medical Science	Sean Roe	01/029 WMB	9097 2640	s.roe@qub.ac.uk
Biochemistry	Dr Chris Law	MBC	9091 2071	c.law@qub.ac.uk
Microbiology	Dr Chris Allen	MBC	9097 2578	c.allen@qub.ac.uk
Psychology (Further information is also available on the School of Psychology webpages for this BSc)	Dr Matthew Rodger	Psychology 18-30 Malone Rd	9097 4177	m.rodger@qub.ac.uk
Dentistry	Professor C Irwin	Dental School RVH	9097 3265	c.r.irwin@qub.ac.uk

General inquiries to:

**Academic Co-ordinator -
for Intercalated BSc**

Dr Sean Roe
Phone: 028 9097 2640
Email: s.roe@qub.ac.uk

**Administrative Secretary -
for Intercalated BSc**

Mrs Anne O'Neill
Phone: 028 9097 2677
Email: BIOMEDSCI@qub.ac.uk

GENERAL INFORMATION ON INTERCALATED BSc DEGREES

The Intercalated BSc degree

The Centre for Biomedical Sciences Education delivers undergraduate Bachelor of Science degrees in Biomedical Science, Human Biology and Molecular Medicine, and Intercalated Degrees are part of this organization. An intercalated degree is a degree taken between two years of a medical or dental course. The year is equivalent to the final year of a degree in science or biomedical pathways. The degree awarded is a Bachelor of Science (Honours) and depending on performance, this is graded as a 1st Class Honours or Second Class Honours, Upper Division (2.1) or Second Class Honours, Lower Division (2.2) or 3rd Class Honours.

Intercalated BSc Pathways offered

The BSc pathways available are *Biochemistry* and *Microbiology*, which are in the School of Biological Sciences, *Medical Science* in the School of Medicine, Dentistry & Biomedical Sciences and *Psychology* in the School of Psychology.

Timing of Intercalated BSc degrees

The first two years of a medical or dental course with the addition of the intercalated year fulfil the requirement of three years study for the award of an undergraduate BSc degree. Intercalated degrees are usually taken after the end of the 2nd or 3rd year of the medical or dental curriculum. It is also possible to do an intercalated degree between 4th and 5th year, but not usually recommended as this would break up the flow of the main clinical teaching.

Selection for Intercalated BSc degree courses

At the time when places are finally agreed (end June) for the following academic year, there should normally be no resit examinations outstanding. Acceptance onto a degree course is subject to the agreement of the relevant degree co-ordinator and final approval by the Head of School of Medicine, Dentistry & Biomedical Sciences. Students will be informed of the decision in early July.

Taught modules

In most modules, the classes are shared with students taking BSc degrees in Microbiology, Biology, Biochemistry, Biomedical Sciences, Human Biology or Psychology. In some degree pathways, the taught modules are pre-determined, whereas in others there is an element of choice.

Project work: iBSc in Medical Science, Biochemistry or Microbiology

Project work is carried out under the direct supervision of a member of academic staff, and on a day to day basis, research or technical personnel are available to provide support. The areas available for project work reflect the research interests of the academic staff in the teaching area involved. Most research is laboratory-based, but there are limited opportunities for clinical projects in a number of areas. Allocation of projects occurs prior to the beginning of the academic year, often during the summer vacation or much earlier if funding is sought (see later), and preliminary discussions should take place with supervisors during the previous academic year. In the organization of projects, particular interests of the student will be taken into consideration, if at all possible. If a particular project of interest has already taken up, degree co-ordinators will suggest alternatives.

Details of project areas / specific projects for 2017-2018 will be posted on the intercalated degree website in December 2017. Additional projects may become available as the academic year progresses and will be added to this list.

Thesis project: iBSc in Psychology

The thesis research project is carried out under the direct supervision of a member of academic staff, and is often carried out in pairs, in which two thesis students will work under the same supervisor on a single psychological experiment. However, even if students design the study and collect data in pairs, they are expected to produce their own original thesis write-ups.

The areas available for project work reflect the research interests of the academic staff in the teaching area involved. Allocation of projects occurs prior to the beginning of the academic year, often during the summer vacation. Staff members who supervise thesis students will provide a list of potential project areas from which students will be able to nominate their preferred choices. Although first choices are not always available to students, efforts will be made to ensure that students end up with a suitable research project and supervisor.

Assessment and examinations

The taught modules are assessed using a mixture of coursework and written examinations. Students will normally be allowed to present themselves once only for the examinations during the intercalated year of study. The research project is assessed by means of a dissertation and usually also by an oral presentation given as part of a research symposium. Dissertations are normally read by the external examiner in the subject.

Student mentoring

At the beginning of the year, each new student is put in contact with a student who has just completed an intercalated BSc. The student mentor will draw on their recent experience to give general support and guidance when required.

In the context of peer group mentoring, intercalated students are encouraged to develop and maintain a social network with a view to providing a mutual support structure and to share general knowledge and skills.

APPLICATION PROCESS

The consent of the Course Co-ordinator concerned and the Head of the School of Medicine, Dentistry & Biomedical Sciences is required before enrolment. For initial enquiries about leaving QUB for the intercalated year, medical students should contact Ms Perpetua Lewis (p.lewis@qub.ac.uk) in the Progress and Assessment Office of the Centre for Medical Education. Dental students should contact Mrs Helen Martin (h.martin@qub.ac.uk) in the Centre for Dentistry.

Forms to apply for an intercalated degree are available on the intercalated degree website:

<http://www.qub.ac.uk/schools/mdbs/Study/IntercalatedDegrees/IntercalatedBSc/>

Returns are made to the Centre for Biomedical Sciences Education (Ground floor, Whitla Medical Building).

FUNDING FOR THE INTERCALATED BSC

There are a small number of grants available as given below. If you wish to be considered for funding you must make a preliminary application, which includes a CV and outline of the research project. It is important to initiate discussion with the relevant degree co-ordinator by at least the beginning of January to obtain a suitable project and supervisor, and then submit a completed application by **31st January 2018**.

Scholarships are allocated by the School of Medicine, Dentistry & Biomedical Sciences. Those awards that are not project-related will be made strictly on merit. If a greater number of preliminary applications are received in any area than there are awards available, applications will be selected to go forward on the basis of the student's marks in previous years. Only marks for core modules taken in 1st year (Semester I and II) and 2nd year (Semester I) will be taken into consideration. Selection will be made on rank order. ***Making an application does not, unfortunately, guarantee success.***

If you do not wish to be considered for an award, the application deadline is **30th April 2018**, although later applications may be considered.

The Wolfson Foundation: The Wolfson Foundation Intercalated Awards Programme is open to medical and dental students, who can demonstrate outstanding academic performance in their previous career. Wolfson Foundation awards currently provide a maximum award of £5000, and only a small number (1 or 2) are granted to each university. Submissions to The Wolfson Foundation must include CV details and an outline of the research project to be carried out, which is enabled by a project supervisor. The deadline for application is at the end of March 2018.

The Medical Undergraduate Intercalated Scholarship: This Award is open to medical students who have completed two years of their undergraduate degree and applying to do an intercalated BSc degree. Ideally this award will be made to a student who will find it difficult to finance an additional year of study in accordance with existing practice for ascertaining 'hardship'. All applicants will submit a 500 word application as to why they want to undertake an intercalated degree and a summary of their chosen area of study. This Award can be made in conjunction with another award. In the event of a tie the Award can be split between candidates

The Jean Shanks Foundation: The Jean Shanks Foundation was set up to fund medical research and education, primarily to fund medical students wishing to have an extra research year at medical school - this research generally to have a pathology focus. One grant only is awarded totalling £9,000 per annum. The School will nominate one student for this funding (based on rank order) by the end of March 2018. The title and short outline of research project should be sent to the Foundation by 31st July accompanied by CV of nominated student.

Association of Physicians: One / two bursaries are available (not every year) and will be allocated on academic merit by the School of Medicine, Dentistry & Biomedical Sciences in June.

British Association of Dermatologists: Fellowships (£5,000 towards fees and living expenses) are awarded for the duration of projects that are relevant to dermatology and skin biology. Applications should be submitted by 20th March each year. Details can be found at <http://www.bad.org.uk/healthcare/fellowships/>

Pathological Society: Support is available (not every year) for students who wish to undertake a project in Pathology / Microbiology. Details can be obtained from the respective course co-ordinator.

Core (Digestive Disorders Foundation): Bursaries of £1000 are available for medical students doing a project in an area relevant to gastroenterology. The deadline for applications is January 2015, so it is necessary to make your intention known earlier than the usual deadline for general awards (see above).

Department of Health and Social Services and Public Safety (DHSSPS)

The DHSSPS will provide a bursary for every year of study beyond the 4th year. Students will be entitled to have their tuition fees paid, without means testing, and will be eligible to apply for means-tested non-repayable bursaries towards living costs as well as supplementary grants. In addition, these students will continue to have access to reduced loans for the balance of their living costs.

Students will not receive final confirmation that they have been accepted for an intercalated degree until July when all the examination results are known. At this stage the School Office should know of the outcome of studentship funding applications. The Education and Library Boards will then be informed which students are taking intercalated degrees and whether they are in receipt of sponsorship.

PRIZES FOR WHICH INTERCALATED STUDENTS ARE ELIGIBLE

British Pharmacological Society Prize: This prize of £1000 is awarded to the student obtaining the best performance in Pharmacology.

The Physiological Society Prize: This prize of £100 is awarded to the student obtaining the best performance in Physiology.

The Ann Green Bequest Prize (Anatomy): This prize of £50 is awarded to the student who produces the best Level 3 research project submission.

Shirodaria Prize (Microbiology): This prize is awarded for performance in the Level 3 course in Virology (BBC3028).

Foundation Scholarship: An amount of £200 is awarded on the basis of the best final mark used for degree classification purposes.

INTERCALATED BSC SEMESTER DATES

Please refer to the University's webpages for up-to-date dates

<http://www.qub.ac.uk/about/Semester-dates/>