



Imperial College London

Faculty of Natural Science
Department of Mathematics

MSc
Pure Mathematics

Student Handbook

2022-23

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Welcome to the College

Congratulations on joining Imperial College London, the only university in the UK to focus exclusively on science, medicine, engineering, and business.

From Fleming's discovery of Penicillin to Gabor's invention of holography, Imperial has been changing the world for well over 100 years.

You're now very much a part of this community of discovery and we hope you will take this opportunity to make your own unique contribution. At Imperial, we expect all members of our community, whether students or staff, to share and demonstrate our values of respect, integrity, collaboration, innovation, and excellence in all we do and strive to achieve.

Information on teaching and learning can be found on the College's webpages, alongside local information provided by your Department. We also provide a dedicated support network and a range of specialist support services to make sure you have access to the appropriate help, whether that's further training in an academic skill like note taking or simply having someone to talk to.

You'll have access to an innovative range of professional development courses within our Graduate School throughout your time here, as well as opportunities to meet students from across the College at academic and social events.

We actively encourage you to seek out help when you need it and try to maintain a healthy work-life balance. Our choice of over 360 clubs, societies and projects is one of the largest of any UK university, making it easy to do something different with your downtime.

As one of the best universities in the world, we are committed to inspiring the next generation of scientists, engineers, clinicians, and business leaders by continuing to share the wonder of what we do through public engagement events. Postgraduate students, alongside our academics and undergraduate students, make a significant contribution to events such as our annual Imperial Festival and our term-time Imperial Fringe events – if you're interested in getting involved then there will be opportunities for you to do so.



Our Principles

In 2012 the College and Imperial College Union agreed 'Our Principles' a series of commitments made between students and the College. The Principles are reviewed annually by the Quality Assurance and Enhancement Committee and changes recommended for Senate approval.

Imperial will provide through its staff:

- A world class education embedded in a research environment
- Advice, guidance and support
- The opportunity for students to contribute to the evaluation and development of programmes and services

Imperial will provide students with:

- Clear programme information and assessment criteria
- Clear and fair academic regulations, policies and procedures
- Details of full programme costs and financial support
- An appropriate and inclusive framework for study, learning and research

Imperial students should:

- Take responsibility for managing their own learning
- Engage with the College to review and enhance provision
- Respect, and contribute to, the Imperial community

The Imperial College Students' Union will:

- Support all students through the provision of independent academic and welfare assistance
- Encourage student participation in all aspects of the College
- Provide a range of clubs, societies, student-led projects and social activities throughout the year
- Represent the interests of students at local, national and international level



www.imperial.ac.uk/students/our-principles

Welcome from the Graduate School



Welcome to Imperial College London and the Graduate School!

The Graduate School is responsible for the postgraduate experience at the College, and we work closely with the Students' Union to ensure that when decisions are being made, which affect your time at Imperial, your voice is heard.

Another important aspect of our role is to offer you a free and exciting range of professional development opportunities which you can access wherever you are in the world.

Our team of tutors have a variety of research and other career experiences. We understand the importance of developing professional skills and our programmes will help you to progress in your academic studies and research and will prepare you for your future career. Whether you wish to pursue a career in academia, industry or something completely different, professional development training will improve your personal impact. You will also get to meet students from other Departments when attending our courses.

The Graduate School runs exciting competitions throughout the year which are an opportunity to broaden your knowledge as well as to meet other students and have fun.

Our primary way to communicate to you will be through our monthly newsletter. However, do check our website, blog and social media platforms to keep up to date with all the latest activities available to you.

Finally, Imperial College is an extremely exciting, stimulating, and diverse environment in which to work, to study and to research. Do make the most of all that the College and your programme has to offer.

The Graduate School

You automatically become a member of the Graduate School when you register as a postgraduate student at Imperial.

The Graduate School has been set up to support all postgraduate students at the College through:

- Training and development courses and retreats
- Networking activities, social and academic events to encourage cross-disciplinary interactions
- Forums to represent the views of postgraduate students throughout the College

'Masterclass' professional skills courses


You can see the full range of free professional skills courses for postgraduate students on the Graduate School website:


 www.imperial.ac.uk/study/pg/graduate-school/students/masters/

All courses can be booked online.



Contact us

 Level 3, Sherfield Building, South Kensington Campus

 020 7594 1383

 graduate.school@imperial.ac.uk

 www.imperial.ac.uk/graduate-school

1. Introduction to the Department

Welcome from Head of Department



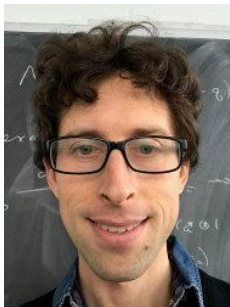
Dear MSc Students,
It is a pleasure to welcome you to the Department of Mathematics at Imperial College London. Imperial is a fantastic place to study Pure Mathematics, and as such it is highly competitive to earn a place here. You have done well to gain entry! And I am delighted that you decided to join us. I hope that you continue to excel, to enjoy Mathematics, and that you take advantage of all the lectures, research supervision, facilities, and teaching support available through our MSc programme in Pure Mathematics!
Again, welcome! Best wishes,
David van Dyk
Professor of Statistics

Welcome from Director of PG Studies



Dear MSc Students,
I'd like to offer you a very warm welcome to the Mathematics Department. The Department's academic staff and administrative support team hope to make your time at Imperial as rewarding and positive as possible. This handbook contains a wealth of useful information about your MSc programme — please read on and keep a copy at hand throughout your studies. Each of our five taught MSc courses (Applied Mathematics, Pure Mathematics, Mathematical Finance, Statistics, and Machine Learning and Data Science) are truly world-class programmes. I hope that you will find both your modules and your research project to be enriching and productive experiences. I also encourage you to engage fully with your MSc course. Many students find discussing mathematics with other students to be an essential element of learning. Your course lecturers will be very happy to discuss course material during office hours. Outside of your MSc, you will find some of the Departmental seminars and colloquia, at which you are welcome, to be enriching.
I wish you a productive and enriching year,
Dr Ryan Barnett
Director of Postgraduate Studies

Welcome from Programme Director



Dear Students,

Welcome to the Mathematics Department! I am eager to meet you, so please do stop by and say hello. We are all excited to finally get back to all activities fully in person, and to seeing each other face-to-face.

Academic tip: Browse our staff list and contact potential supervisors as soon as you can. They can fill up. Don't be afraid—we are friendly and keen to work with you. Work diligently and regularly on your project and keep your supervisor informed on your progress. This will ensure your success.

Don't forget to engage with your cohort, as well as other postgraduate and undergraduate students. We have a myriad of student activities available. There are also plenty of opportunities to engage with the broader public. If there is anything you're looking for and don't find, let us know! Finally, you will all be assigned a personal tutor, whom you will meet several times per term. If you have any academic or non-academic concerns, please don't hesitate to consult with him or her.

Have a wonderful and fruitful year,
Dr Travis Schedler

Welcome from Mathematics Society President

Hello everyone, welcome to Imperial! I'm Carlos, and I'm this year's MathSoc President. MathSoc is a student-run society that represents all Maths and JMC students here at Imperial. We host multiple events throughout the year, ranging from Game nights and Career fairs to our famous Christmas Dinner.

We aim to host multiple events throughout the year, which will be advertised through our [Instagram](#) and [Facebook](#) pages, as well as our [mailing list](#). Additionally, feel free to check out our [website](#) and the Imperial [MathsWiki](#); they both have information about the modules you will take, as well as some tips and tricks! Our events provide a great opportunity to meet other postgraduate students who are just as passionate about mathematics as you are, so give them a try!

We always love to hear from you, so if you have any questions, comments, suggestions, or just want to say hi, you can always contact us through Facebook, Instagram or via email at rcsu.maths@ic.ac.uk. If you see me or any other members of the committee around campus, come and say hello! We want to get to know as many of you as possible! Additionally, if you have any suggestions for events, please get in touch with me (cac19@ic.ac.uk), Siddharth (sp1319@ic.ac.uk), our postgraduate representative, or Sorina (sa1319@imperial.ac.uk) and Gautam (gj120@ic.ac.uk), our social events officers.

We hope you enjoy Welcome week as much as possible, and don't miss the Welcome fair - it's the best opportunity to see all the fun activities Imperial has in store for you! On top of that, we'll have a stand there, so come check it out!

I'll see you around soon!
Carlos A.C.C. Perello


Academic and Administrative staff



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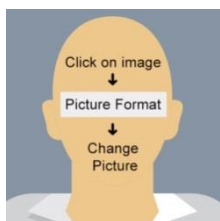
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English language requirement

If you are not a native English speaker you must meet the College's English language requirements.

See the Admissions website for details:

 www.imperial.ac.uk/study/pg/apply/requirements/english

For information on English language support available while you're here <https://www.imperial.ac.uk/students/new-students/international-students/english-language-support/>.

Attendance and absence

You must inform your Senior Postgraduate Tutor if you are absent from College for more than three days during term. If the absence is due to illness, you must produce a medical certificate after seven days. If you miss an examination or the deadline for any other assessment (including lab work, in class tests, coursework or presentations) due to illness or other unforeseeable and unavoidable circumstance you must follow the College's Mitigating Circumstances Policy and Procedure. Please note that all claims for mitigation must be submitted within 10 working days of the examination or assessment deadline. If you are unable to provide evidence at the time you must submit the claim and indicate what evidence will follow and when it can be provided. Claims without evidence will normally be rejected. Please see the section on mitigation below.

The Registry will be informed of all student non-attendances as the College is obliged to report the non-attendance of students on Tier 4/Student Route visas to the Home Office.

Students are also expected to attend scheduled meetings with their Personal Tutor during Autumn and Spring terms ("Meet Your Personal Tutor" weeks). Students are expected to meet regularly (e.g. weekly) with their project supervisor during their research project. Missed appointments will be reported to the Programme Director.

Key dates 2022–23

Term dates

Autumn term:	1 October 2022 – 16 December 2022
Spring term:	7 January 2023 – 24 March 2023
Summer term:	29 April 2023 - 30 June 2023

Closure dates

Christmas/New Year:	24 December 2022 – 2 January 2023 (College reopens on 3 January 2023)
Easter Holiday:	6 April 2023 – 12 April 2023 (College reopens on 13 April 2023)
Early May Bank Holiday:	1 May 2023
Spring Bank Holiday:	29 May 2023
Summer Bank Holiday:	28 August 2023

Key events

Induction Week:	3 – 7 October 2022
Election of MSc Pure Student Rep:	3 – 7 October 2022
Meet Your Personal Tutor Week:	3 – 7 October 2022
Meet Your Personal Tutor Week:	21 – 25 November 2022
Meet Your Personal Tutor Week:	23 – 27 January 2023
Examinations:	May 2023
Poster Presentations:	June 2023
Great Exhibition Road Festival:	17 June 2023 – 18 June 2023
Submission of Project Preliminary Report:	3 July 2023, 4pm
Release of Informal Results:	July 2023
Submission of MSc Thesis:	8 September 2023, 4pm
Project Oral Presentations:	14-15 September 2023
Exam Board:	October 2023
Results Released by Registry:	November 2023
Graduation Ceremony:	May 2024

2. Programme Information

Choice and Approval of Modules and Project

On enrolment each student is assigned a **Personal Tutor** who will advise on the choice of courses (to be approved by the Programme Director), the subject of project and the project supervisor. You need to make arrangements to meet with your Personal Tutor during “Meet Your Personal Tutor Weeks”, which will be reminded to you via email.

MSc students can take the following types of modules:

- The Pure Mathematics modules listed below which can also be taken by final year undergraduate MSci students.
- Modules (up to two total for the year) from other MSc programmes at Imperial College London, subject to approval of the host Department and the Programme Director. Students are not allowed to take modules from MSc Statistics, MSc Global Statistics, MSc Mathematics and Finance or MSc Machine Learning and Data Science.

To request permission to enrol in a module outside of those listed below students must complete the [module request form](#).

If they so wish, students can attend courses at the Taught Course Centre (TCC) <https://www.maths.ox.ac.uk/groups/tcc> but these courses cannot be taken for credit.

Students must take 8 modules (usually four in the first year and four in the second year for part-time students). The modules chosen should not overlap in a substantial way and together should form a coherent program. Students with a degree from Imperial College London will not be allowed to repeat a module they already attended as undergraduates. Please discuss your choice of modules with your Personal Tutor as soon as possible. At the very latest you must confirm your choice of modules by the time you complete the examination entry form (early January).

In all but exceptional cases, full time students will be examined/ complete the coursework on four modules from the Autumn Term and four modules from the Spring Term.

Pure MSc Modules

This is the list of modules on offer in 2022–23. Modules will run provided there is sufficient demand. Descriptions of these modules are provided on the [Pure Mathematics MSc webpage](#).

Module Code	Module Titles	Term	Lecturer	Exam %	CW %
MATH70028	Probability Theory	2	Dr I. Krasovsky	90	10
MATH70029	Functional Analysis	1	Dr P. Rodriguez	90	10
MATH70030	Fourier Analysis and Theory of Distributions	2	Dr I. Krasovsky	90	10
MATH70135	Analytic Methods in Partial Differential Equations	1	Dr A. Chandra	90	10
MATH70055	Stochastic Calculus with Applications to non-Linear Filtering	2	Professor D. Crisan	90	10
MATH70031	Markov Processes	1	Professor N. Bingham	90	10
MATH70032	Geometry of Curves and Surfaces	2	Dr D. Cheraghi	90	10
MATH70033	Algebraic Curves	1	Dr J. Lai	90	10
MATH70034	Algebraic Topology	2	Professor A. Skorobogatov	90	10
MATH70056	Algebraic Geometry	2	Professor D. Helm	90	10
MATH70057	Riemannian Geometry	2	Dr M. Guaraco	90	10
MATH70058	Manifolds	1	Professor P. Cascini	90	10
MATH70059	Differential Topology	2	Dr S. Lynch	90	10
MATH70060	Complex Manifolds	2	Dr M. Matviichuk	90	10
MATH70035	Algebra 3	1	Dr J. Nicholson	90	10
MATH70036	Group Theory	1	Professor M. Liebeck	90	10
MATH70037	Galois Theory	2	Professor A Corti	90	10
MATH70038	Graph Theory	2	Professor A. Ivanov	90	10
MATH70039	Group Representation Theory	2	Dr T. Schedler	90	10
MATH70040	Formalising Mathematics	2	Professor K. Buzzard	90	100
MATH70061	Commutative Algebra	1	Dr Y. Lekili	90	10
MATH70062	Lie Algebras	1	Professor A. Ivanov	90	10
MATH70063	Algebra 4	2	Dr S. Feyzbakhsh	90	10
MATH70132	Mathematical Logic	1	Professor D. Evans	90	10
MATH70041	Number Theory	1	Dr A. Pal	90	10
MATH70042	Algebraic Number Theory	2	Dr A. Pal	90	10
MATH70064	Elliptic Curves	1	Dr J. Trias-Batle	90	10

Work on the project

In addition to taught modules students are required to work on a project. The project is the study of a mathematical topic in one of the core areas of analysis, algebra, combinatorics, geometry or number theory at the postgraduate level. The written report is the student's own work in the sense that the student gives an original account of the material, but it does not always contain new mathematical results.

The work on the project is done under the direction of a supervisor, who need not be the personal tutor. A list of available supervisors will be given to the student at the beginning of the Autumn term. Students interested in doing a project in a particular area should ask a faculty member with an expertise in this area to act as a supervisor. Students unable to find a supervisor should seek the help of their personal tutor. All students are expected to have a supervisor by the end of the Autumn term. Students without a Supervisor by week 2 of the second term must report the matter to the Programme Director.

Students should arrange a meeting with their supervisor in January to discuss the project in detail, unless they have done so in the Autumn term. After this meeting they should aim to prepare a provisional project plan, including target dates for the various steps of the work. A typical timeline would be for students to do preliminary work during the Easter vacation, discuss with the supervisor during the Summer term, and do most of the writing-up after the end of the written examinations; however, you are encouraged to get started earlier than this if possible. Students are advised to spend at least one month in the summer writing up and revising the report. Work on the project and writing of the project report should account for about a third of the student's total study time.

Supervisions will take place by arrangement with the supervisor. Supervision meetings are generally more regular at the start of the project. Students are expected to meet their supervisor once every two weeks for about half an hour. By July they should be able to work largely independently on the project. In the Summer supervisors will often be away attending conferences and taking their annual leave. If students are unable to attend an agreed meeting with their supervisor, they should email him or her at least 24 hours in advance (unless they are very unwell or there is some emergency). If the supervisor needs to cancel a supervision, then she or he should give you at least 24 hours' notice by email. Students are encouraged to check their email before leaving home in the morning before travelling to Imperial for a meeting with their supervisor.

The same project can often be tackled in different ways starting from different backgrounds. The supervisor will give the student a reading list based on what they know. The purpose of the project is to give students a chance to explore in depth a particular area of pure mathematics and help them to acquire the skills for an independent research work. Supervisions are not the same as private tutorials. It is not the job of the supervisor to teach students the material, but rather to give general guidance and to point them in the right direction by providing a reading list and recommending resources. The supervisor cannot be expected to provide a list of all the individual results that should go in the report, although a few major items will probably be mentioned. It will be the student who "drives" the supervisions, not the supervisor so they should be prepared for each meeting with some idea of what they want to discuss in that supervision.

Project Milestones

There are four project milestones:

- A preliminary project report submitted directly to the project supervisor. This is a compulsory, but non-assessed part of the course.
- A poster presentation describing the research project and based on the preliminary report. This is a compulsory, but non-assessed part of the course.
- The oral presentation of the project that counts for 10% of the overall project mark.
- The submission of the thesis (written report) that counts for 90% of the overall project mark.

Further details of the four milestones can be found below. The dates of these milestones are listed in the Key Dates section.

Preliminary Research Project Report

Students are expected to submit a 2–3-page preliminary report directly to their project supervisor by 3 July 2023 at 4pm. This can be an extension of the supervisor’s project proposal including an in-depth literature review, objectives and context of the work, work plan and relevant methods. The report can include preliminary results if these exist. This is an opportunity for the supervisor to provide early feedback to the student and for the student and supervisor to iron out any gaps in expectations or understanding of the “big picture” of the project. The reports are also meant to serve as a basis for the posters presented in the summer research fair (see below).

Poster Presentation

Shortly following the submission of the preliminary project report, students are expected to present a poster at the Summer Research Fair. The content of the poster should be based on the project report, considering any feedback received from the supervisor. In particular, the poster should include a clear description of the context and objectives of the project. Students might not be able to present any results yet, but they may want to address what results they hope to achieve. This is an excellent opportunity to receive feedback, both from members of staff as well as from fellow students.

The Thesis

The written report contains a detailed exposition of the work that you have done. The style of the report is largely the same as in mathematical textbooks and research papers. You are expected to give precise definitions, theorems, lemmas, proofs, examples, and any new results or computations, where relevant. You are encouraged to be original in your presentation, the choice of examples and a review of published literature, should explain the context of your work in the introduction, and perhaps discuss possible further work and open question in the conclusion.

- The introduction should contain a description of the structure of the thesis and its main results. You should aim to present your dissertation so that it can be understood by a mathematician who is not necessarily an expert in the particular area of your project. So please recall the necessary background, results and methods that you use, for the convenience of the reader. Keep these explanations reasonably concise, and in any case do not reproduce in detail the contents of undergraduate mathematical courses that you rely upon. (Any such basic material should be explained in a few paragraphs or pages, ideally with a reference to a standard textbook).

- The body of the written report should normally be between 7,000 and 15,000 words, or approximately between 25 and 40 pages of typewritten text and formulas on A4 paper at 1.5 or double line spacing using font size of 12 point. These are not strict rules for the volume of your thesis but only rough guidelines: the appropriate length depends on the project itself and its subject matter. (The depth of a mathematical result is not always reflected in the number of pages it takes to write it down!)

The following points are here for your guidance:

- Your dissertation should contain a title page, giving the following information only: the title of project, the student's name, the student's college number, the academic year, the supervisor's name.
- A separate page should contain an abstract of between 50 and 300 words, summarising the key points of your dissertation.
- Another separate page should contain the declaration "The work contained in this thesis is my own work unless otherwise stated". You should be aware that plagiarism is a serious offence.
- As an option you can include a page with acknowledgements and/or a dedication.
- You can include a table of contents.
- The title, abstract and declaration pages, along with any tables and charts, the table of contents page, appendices and bibliography are excluded from the page count as indicated above.
- All pages of your dissertation should be numbered.
- The total number of pages should not exceed 50. Substantial deviation from this rule can be penalised.
- Include a detailed bibliography (list of references), giving full details of all books, papers and online resources cited anywhere in your dissertation. You are encouraged to use the style of mathematical journals, e.g., the Journal of the London Mathematical Society. Each reference should be complete, allowing the resource to be easily and unambiguously identified. A reference should be cited in the text of your project each time you use it.
- Appendices, if any, should contain material that supports the main body of the text, but which does not have to be read in detail in order not to interrupt the flow of the argument.
- Do not use fancy font styles. Use wide margins (minimum 2cm for top, right and bottom, 4cm for left-hand side).
- Substantial credit will be given for a professional presentation. You are strongly advised to use LaTeX and not Microsoft Word, especially if your dissertation contains many mathematical equations.
- Submit by email to your supervisor before the deadline all your source code for any programs that you have written. This is required for anti-plagiarism detection and to allow cross-checking of your results. Do not put the code verbatim in the thesis (unless the algorithm is novel, in which case it may be an appendix). However, you should describe your work (algorithms, results, etc) in the thesis.
- In your dissertation you should make it completely clear which results are your own and which are obtained by others. Any results mentioned in your dissertation that are not your own should be properly referenced. You should also acknowledge any books, journal papers, lecture notes, research notes, other people's MSc/PhD theses, websites, third-party computer programs, etc. that you use during the course of your

work, even if you do not directly incorporate material from these sources into your dissertation.

Please submit a draft of your dissertation to your Supervisor at least two weeks before the final deadline. The Supervisor will comment on the format, the style and may point out any major mathematical errors. The correctness of your project is your responsibility.

One electronic copy of the report must be submitted on Blackboard **by 4pm, Friday 8 September 2023**. Late submission will normally delay the marking of the report to the following year.

Your thesis will be marked by your supervisor and at least one other member of the Imperial College academic staff, who will agree an overall mark for your project. The report will also be scrutinised by the Examination Board (including the External Examiners) for consistency of marking.

Oral Presentation

In addition to submitting a thesis, students will be required to give an oral presentation. Oral presentations will take place on the **14 & 15 September 2023**.

This is an integral part of the project work and is worth 10% of the project mark. It is a 20-minute talk followed by a brief questions and answers session. The audience will consist of two faculty members (other than your supervisor). You are advised to prepare your oral presentation with great care; this is an important part of your training. Note that your talk lasts only 20 minutes and that you should not expect the audience to be experts in the area of your project.

The primary purpose of the oral is not to test your technical mastery of the material, but rather to see how you convey to a general mathematical public.

Imperial Mobile app

Don't forget to download the free Imperial Mobile app for access to College information and services anytime, anywhere, including your programme timetable, College emails and a library catalogue search tool.

 www.imperial.ac.uk/imperialmobile

Welcome to Imperial app

The College has a Welcome to Imperial app which contains important information about campus operations, aspects of student life, a schedule of welcome activities and information about life in halls. All new students should download this guide to ensure they have the most up to date information and event schedule for the start of term.

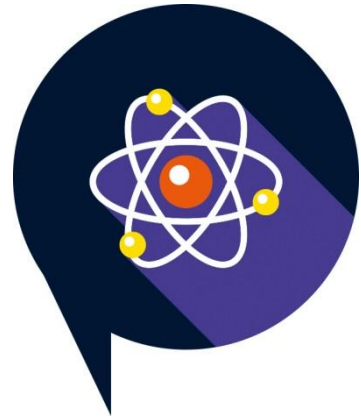
You can download the App from the Apple or Google App Stores.



Imperial Success Guide

The Imperial Success Guide is an online resource with advice and tips on the transition to Master's level study. More than just a study guide, it is packed with advice created especially for Imperial Master's students, including information on support, health and well-being and ideas to help you make the most of London.

 www.imperial.ac.uk/success-guide



3. Assessment

Within your programme of study, you will have different types of assessment which may include, coursework, examinations, timed remote assessment, presentations, labs or other forms of practical assessment.

The College has policies and procedures to support the setting, sitting, marking and moderation of all assessment. These can be found within the Regulations and College Policies at:



www.imperial.ac.uk/about/governance/academic-governance/regulations/



www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/

Overall Course Assessment

The full-time course is examined in two sections:

1. The lecture modules are examined in May or June (exceptionally in January). Students will choose their exam options early in Spring term (further information will be provided during the term). Candidates absent without good cause from any examination for which they are entered will normally fail the MSc course. For some lecture courses, the written paper may be supplemented by a coursework.
2. The project is examined by a written report and an oral presentation.

Part-time students will normally sit the written examinations in two parts, one part after the first year and another part after the second year. The project report must be submitted during September (precise date TBA) of the second academic year for part-time students.

Past exam papers may be found on the Maths Central page on Blackboard. Students are encouraged to use these papers to become familiar with the format and style of the examinations in the MSc. These papers may also be used to supplement exam revision. Any queries about the examination for a particular module should be directed in the first instance to the lecturer of that module. General exam queries should be directed to the Course Administrator or Course Director.

For assessments that take place in the Autumn term, or at the start of the spring term of the 2022-23 academic year, in-person on-campus written examinations will be assessed by timed remote assessments.

Students may find out in July from the Course Administrator which modules they have passed/failed, but exact marks cannot be released until after the Exam Board meeting in October.

Mastery Question

Written examinations for MSc students consist of 5 questions, which are each scored out of 20 marks. The 5th question is a “mastery” question that MSc and the M4 (4th year) undergraduate students are required to take on top of the other four questions. This question is designed to test the subject in greater depth. Students will be given an extra half an hour for this question (for a total of 2.5 hours, whereas M3 students have 2 hours for 4 questions on certain modules) and it has the same mark weighting as questions 1-4. For modules where there is no corresponding M3 paper, there will still be a mastery 5th question and the exam will be 2.5 hours long.

How Module Marks are Determined

Most modules are examined by a written paper in May or June. If assessed coursework is part of the module, this is incorporated into the raw mark using the specified weighting (typically coursework carries a 10% weighting) to produce a raw mark for the module. The marks for each module are then re-scaled in a piecewise-linear fashion according to the following procedure.

Based on students' performances in the module assessments and performances in the module relative to average performance in other modules, the module examiners make a decision about what they consider to be the pass / fail boundary (P), the Pass/Merit Boundary 17 (T), the Merit/Distinction Boundary (E) and the maximum mark (M) which was realistically possible for the module. In the case of M1, M2 and M3 modules, the raw marks P, T, E and M are mapped to 50, 60, 70 and 100 respectively (with 0 being mapped to 0). These choices of grade boundaries (PTM) are compared by a sub-Board of the Board of Examiners (the Liaison Panel) and further adjustments are made to ensure comparability of marks across modules. Once the values of the grade boundaries for a module have been finalised, an individual raw mark is then mapped to the 0–100 scale by linear interpolation and this becomes the student's mark for that module.

Assignments and Projects

For many modules, particular pieces of work are set as assessed coursework or progress tests and they contribute up to 10% of the overall assessment of the module concerned. Some module lecturers may choose to use a combination of assessed coursework and progress tests whilst others may choose to only set assessed coursework or only set progress tests.

The exact nature and frequency of these forms of assessment is decided by individual module lecturers and the timing is staggered as far as possible so that, for different modules, the submission dates for assessed coursework and the sitting dates for progress tests are not all clustered together. Assessed coursework is not normally set with a submission deadline after the end of the current term.

Marked assessed coursework are returned to students to provide useful feedback. This should normally take no longer than ten working days.

Some modules have assignments that contribute more substantially to overall module assessment (over 10%). Some modules are wholly project based and have no end-of-year examination. For some of these modules, oral presentations about the project(s) may form part of the overall assessment for the module.

Assignment and project scripts normally need to be retained by the Department as External Examiners have the right to see them. Students should keep a copy of all assignments and project work submitted.

Submission and Collection of Assessed Work

Most assessed work is submitted via Blackboard. Each coursework must have a coversheet attached (available on Blackboard). Some staff members may ask you to submit your work directly to them.

If a particular piece of assessed work or progress test has been marked and is available, the marks will be made available on Blackboard. The Department works towards a two-week turnaround deadline on tests and short CW assignments (worth 5% or less). Larger CW pieces may take longer to return. If there is a delay, please contact the UG office.

Title of degree

Successful candidates will be awarded the degree of MSc in Pure Mathematics. This degree is awarded only once each year, following the final Examinations Board Meeting, usually held in October. (Preliminary marks on the written papers are available in the first week of July. These results are not official until after the final Meeting of Examiners.)

To qualify for the award of the Pure Mathematics MSc degree a student must have:

1. Accumulated ECTS to the value of no fewer than 90 ECTS at level 6 or above of which at least 75 must be from credit level 7.
2. Accumulated no more than 15 ECTS as a Compensated Pass (mark between 40% and 50%).

A Pass mark will be awarded to students who:

- Achieved an overall weighted average of above 50% but less than 60%

To obtain a merit mark, a candidate must normally:

- Achieve an overall weighted average of above 60% across the programme.
- Achieve a minimum of a merit (60%) mark in the research project element.

To obtain a distinction mark, a candidate must normally:

- Achieve an overall weighted average of above 70% across the programme.
- Achieve a minimum of a distinction (70%) mark in the research project element.

Borderline candidates

If a student does not meet the relevant sufficient condition, they can still be considered for promotion to pass, merit or distinction at the discretion of the Board of Examiners.

Overall weighted averages 0.5% from the degree borderlines will be automatically rounded up in accordance with item 13.19 in the 2020-2021 regulations. The board of examiners will consider other borderline cases, as they are defined in items 13.20–13.22 of the Regulations for the Examination of BSc, MSci, BEng, MEng, MBBS Degrees.

Exit Degrees

- **Award of a Postgraduate Certificate (PG Cert)**

To qualify for the award of a postgraduate certificate a student must have a minimum of 30 credits at Level 7 (this may include a maximum of 10 credits from Level 6 where this is approved as part of the award). This may be composed of the project element (worth 30 ECTS), or 30 ECTS worth of modules.

- **Award of a Postgraduate Diploma (PG Dip)**

To qualify for the award of a postgraduate diploma a student must have passed modules to the value of no fewer than 60 credits at Level 7 (this may include a maximum of 15 credits from Level 6 and no more than 10 credits as a Compensated Pass). The 60 credits may

include the project element (worth 30 ECTS) and 30 ECTS worth of modules, or 60 ECTS worth of modules.

Re-sit Rights and Procedure

A full-time candidate who at first entry fails in either the written examination or the report, may re-enter once, a year later, in the failed section (or in both failed sections). There are no further re-sit rights.

A part-time candidate taking the examination in two parts who fails an examination in part one may normally re-sit the examination one year later, at the same time as part two. There are no further re-sit rights for part one. A candidate failing an examination in part two may re-sit the examination or the written report (or both) a year later, with the part one marks being carried over. There are no further re-sit rights.

Any re-sit that requires further attendance of the College is subject to the approval of the College. A full-time candidate who fails the written examination and intends to re-sit, should proceed with the report, and submit it by the standard project deadline. A part-time candidate must submit the project by the standard project deadline of the second year.

Re-sit marks are capped at the pass mark (i.e. 50%). Students must inform MSc Administrator of the modules that they intend to resit before the end of January.

Instruction to Candidates for Examinations

Students who are candidates for examinations are asked to note that all examinations are conducted in accordance with the College Regulations. The relevant set of regulations will depend on your programme and year of entry, please see our Regulations webpage to determine which apply to you:



www.imperial.ac.uk/about/governance/academic-governance/regulations/

Instructions for exam candidates can be found here:



www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/exam-arrangements-and-re-sits/Instructions-to-candidates-for-examinations.pdf

Academic Integrity and Academic Misconduct

As your programme of study continues, you will be taught the concept of academic integrity and how you can ensure that any work that you complete now, or in the future, conforms to these principles. This means that your work acknowledges the ideas and results of others, that it is conducted in an ethical way and that it is free from plagiarism. Academic integrity is fundamental to learning, teaching and research and it is important to understand what it means to you and the international community of research that you are joining.

Academic misconduct is the attempt to gain an academic advantage, whether intentionally or unintentionally, in any piece of assessment submitted to the College. This includes plagiarism, self-plagiarism, collusion, exam offences or dishonest practice. Full details of the policy can be found at:



www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/plagiarism-academic-integrity--exam-offences/

Definitions of the main forms of academic misconduct can be found below:

Plagiarism

Plagiarism is the presentation of another person's thoughts, words, images, research or diagrams as though they were your own. Another form of plagiarism is self-plagiarism, which involves using your own prior work without acknowledging its reuse. Plagiarism may be intentional, by deliberately trying to use another person's work by disguising it or not citing the source, or unintentional where citation and/or referencing is incorrect.

Plagiarism must be avoided, with particular care on coursework, essays, reports and projects written in your own time but also in open and closed book written examinations. You can support your understanding of proper referencing and citation by using the resources available from the College such as the Library learning support webpages at:

 www.imperial.ac.uk/admin-services/library/learning-support/plagiarism-awareness/

Where plagiarism is detected in group work, members of that group may be deemed to have collective responsibility for the integrity of work submitted by that group and may be liable for any penalty imposed, proportionate to their contribution.

TurnitinUK is an online text matching service which assists staff in detecting possible plagiarism. The system enables institutions and staff to compare students' work with a vast database of electronic sources. Your programme team will explain how it is used in your programme

 www.imperial.ac.uk/admin-services/ict/self-service/teaching-learning/turnitin/

Collusion

This is the term used for work that has been conducted by more than one individual, in contravention of the assessment brief. Where it is alleged that there has been collusion, all parties will be investigated under the Academic Misconduct procedure.

You should note that whilst the College encourages students to support each other in their studies you should be careful to ensure that you do not exceed any assessment brief with regards to individual work, always acknowledge the contributions of others in your work, and do not leave yourself open to allegations that you have supplied answers to enable another student to commit academic misconduct.

Exam offences

Exam offences fall into two categories. These are offences that may be disruptive in the exam venue or are considered an attempt to cheat. Examples of disruptive behaviour includes causing a disturbance in the exam room, having an electronic device that has not been fully turned off or talking in the exam room. Behaviour that may be considered an attempt to cheat includes bringing unauthorised material into an exam (such as notes, unauthorised books or other material), attempting to communicate with others apart from the invigilator, or trying to remove examination material without permission. You must ensure that you follow all reasonable instructions of the invigilators.

Dishonest practice

This is the most serious category under the procedure. Examples of dishonest practice include bribery, contact cheating (buying work from an essay mill (which is illegal in the UK) or other individual to submit as your own), taking an exam for someone else or getting someone else to take an exam for you, attempting to access exam papers before the exam, making a false claim for mitigating circumstances or providing fraudulent evidence, falsifying documentation or signatures in relation to assessment or a claim for mitigating circumstances.

4. Board of Examiners

Board of Examiners

This includes the Programme Director, all academic staff involved in lecturing an MSc course or supervising MSc projects.

External Examiners

 Professor Eugene Lytvynov, University of Swansea

 Professor Jason Lotay, University of Oxford

External examining acts as an essential part of the College's quality assurance and enhancement process, serving to ensure that academic standards are maintained. The knowledgeable and independent views of external examiners are invaluable in certifying that the College's awards are appropriate and comparable as well as highlighting good practice and potential areas of enhancement.

During your programme you may be invited to meet your external examiners to discuss how you have found the programme and assessments. It is not appropriate, however, for you to seek to submit complaints or representations directly to external examiners or to seek to influence them other than by giving feedback in a meeting. Inappropriate communication towards an examiner would make you liable for disciplinary action.


A summary of External examiners reports from the previous academic year can be found here:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/external-examining/

5. Location and Facilities

Imperial has a number of campuses in London and the Southeast. All have excellent travel links and are easily accessible via public transport.

Your main location of study will be:

 South Kensington Campus
Huxley Building, 180 Queen's Gate, London SW7 2AZ

Facilities

- MSc Computer/Common Room – 215 Huxley Building (level 2)
- Maths Learning Centre – 416 Huxley Building (level 4) (contains 64 computers, two study desks fitted out with audio-visual facilities for project presentations, two printers and a range of additional study areas)
- MSc Silent Study Room – 413 Huxley Building (level 4)
- The MSc Administrator Office – 652 Huxley Building
- Lockers - There is a (limited) number of lockers on level 1 of the Huxley Building. For availability contact Martin Cooper martin.cooper@imperial.ac.uk

Computer access and printing is available at level 6. The Department's postgraduate office is located at level 6.

Library Services

The Central Library at South Kensington is open 24 hours for study space, and further space is available to all students in GoStudy on levels 4 and 5 of the Chemistry Building.

Make sure you find out who your subject librarian is as they'll be able to help you find books and online resources for your assignments. Also, don't forget to check out the library's range of training workshops and our other campus libraries for access to specialist medicine and life sciences resources. You can borrow up to 40 books and, whether you're working on or off site, you'll be able to access e-books, e-journals and databases from our collection of almost 400,000 titles. If we don't have what you need, we can get it for you, simply ask us to buy it or request a copy through our free Document Delivery service.

For any questions our staff will be happy to help, simply chat with us online or contact us via email, phone, or social media, just check our website for details:

 www.imperial.ac.uk/library

Maps

Campus maps and travel directions are available at:

 www.imperial.ac.uk/visit/campuses

Accessibility

Information about the accessibility of our South Kensington Campus is available online through the AccessAble access guides:

 www.accessable.co.uk/organisations/imperial-college-london

Smoke-Free Policy

All Imperial campuses and properties are smoke-free. This means that smoking by staff, students or visitors is not permitted on or within 20 metres of College land. The policy covers all College properties, including student accommodation and sports grounds.

 www.imperial.ac.uk/smoke-free

SafeZone

SafeZone is a College app through which you can quickly and directly contact the Security team whenever you need them. Whether you're in an emergency, in need of First Aid or want to report an incident on campus, SafeZone allows you to be immediately put in touch with a member of our Security team and, at the touch of a button, can share your location and personal profile so that they can respond quickly and effectively to your specific needs. It also allows the entire College community to stay informed in the event of a major incident in London or wherever you may be in the world. Safezone also provides information on other services, such as real-time updates on the College shuttle bus.



SafeZone is optional to register for and is now available to download on the Apple and Android App stores. Visit www.imperial.ac.uk/estates-facilities/security/safezone/ for more details about SafeZone.

All existing phone numbers for the Security team are still operational. In the event of an emergency, you can still call 4444 from any internal College phone. In the event of a wider incident in London, you can now also call 0300 131 4444, Imperial's Emergency Recorded Message Line, which will point you in the direction of up-to-date information and advice.

Changes due to Coronavirus (COVID-19)

The College will keep you informed about any further changes that may affect you due to the impact of coronavirus (COVID-19). The COVID-19 FAQs on the website are a repository of helpful information and the latest guidance can be found at:

 www.imperial.ac.uk/about/covid-19/

6. Working While Studying

If you are studying full time, the College recommends that you do not work part-time during term time. If this is unavoidable, we advise you to work no more than 10–15 hours per week, which should be principally at weekends and not within normal College working hours.

Working in excess of these hours could impact adversely on your studies or health.

If you are here on a Tier 4/Student Route visa you can work no more than 20 hours a week during term time. Some sponsors may not permit you to take up work outside your studies and others may specify a limit.

If you are considering part-time work during term time you are strongly advised to discuss this issue with your supervisor or Personal/Senior Personal Postgraduate Tutor. If you are on a Tier 4/Student Route visa you should also seek advice from the International Student Support team regarding visa limitations on employment.

The College's examination boards will not normally consider as mitigating circumstances any negative impact that part-time work during term-time may have had on your performance in examinations or in other assessed work. Examinations or vivas cannot be rescheduled to accommodate your part-time working arrangements.

7. Health and Safety

Keeping you safe is a top priority for us. Since 1 April 2022, the UK Government removed all restrictions on public areas, including Universities and education settings. Imperial College still encourages students to wear face coverings in crowded areas, to stay at home if you have symptoms of respiratory disease, to get fully vaccinated, to cover your coughs and sneezes, and to respect others' personal space.

The latest Imperial College guidance to students can be seen at:

 www.imperial.ac.uk/about/covid-19/students/


The College's Health and Safety Policy can be found at:

 www.imperial.ac.uk/safety/safety-by-topic/safety-management/health-and-safety-policy-statement/

Your Departmental safety contact is:

 Martin Cooper

 131 Huxley, Level 1

 0207 594 8544

 martin.cooper@imperial.ac.uk

You may be required to complete inductions and attend training sessions to safely complete this course.

The College Safety Department

The Safety Department offers a range of specialist advice on all aspects of safety. This includes anything which you feel might affect you directly, or which may be associated with teaching, research, or support service activities.

The College's activities range from the use of hazardous materials (biological, chemical and radiological substances) to field work, heavy or awkward lifting, driving, and working alone or late.

All College activities are covered by general health and safety regulations, but higher risk activities will have additional requirements.

The Safety Department helps departments and individuals ensure effective safety management systems are in place throughout the College to comply with specific legal requirements.

Sometimes the management systems fail, and an accident or a near-miss incident arises; it is important that we learn lessons from such situations to prevent recurrence and the Safety Department can support such investigations. All accidents and incidents should be reported online at:

 www.imperial.ac.uk/safety

To report concerns or to ask for advice you should contact your programme director, academic supervisor, or departmental safety officer.

Occupational Health Requirements

The College Occupational Health Service provides services to:

- protect health at work
- assess and advise on fitness for work
- ensure that health issues are effectively managed

The Service promotes and supports a culture where the physical and psychological health of staff, students and others involved in the College is respected, protected, and improved whilst at work.

 www.imperial.ac.uk/occupational-health

8. College Policies and Procedures

Regulations for Students


All registered students of the College are subject to the College Regulations. The relevant set of regulations will depend on your programme and year of entry, please see our Regulations webpage to determine which apply to you:

 www.imperial.ac.uk/about/governance/academic-governance/regulations

 www.imperial.ac.uk/students/terms-and-conditions

Academic Feedback Policy


We are committed in providing you with timely and appropriate feedback on your academic progress and achievement, enabling you to reflect on your academic progress. During your study you will receive different methods of feedback according to assessment type, discipline, level of study and your individual need. Further guidance on the Policy of Academic Feedback can be found on the Academic Governance website:

 www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/academic-feedback/Academic-feedback-policy-for-taught-programmes.pdf

Modules within the MSc involve one or more coursework assignments that are handed in during term time. Marked coursework assignments are returned to the students two weeks after submission via Blackboard. Each module lecturer also will hold a weekly office hour. Students are encouraged to make use of these office hours.


Provisional examination marks (to be ratified by the Board of Examiners) will be made available in July.

Please note that your examination scripts once completed belong to the College under the GDPR legislation. Please see the College GDPR webpages for further information at:

 www.imperial.ac.uk/admin-services/secretariat/information-governance/data-protection/internal-guidance/guide-2---exam-records/

Provisional Marks Guidance

Provisional marks are agreed marks that have yet to be ratified by the Board of Examiners. These results are provisional and are subject to change by the Board of Examiners. The release of provisional marks is permitted except in certain circumstances. Further information can be found in the Guidelines for Issuing Provisional Marks to Students on Taught Programmes:

 www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/mark-and-moderation/Guidelines-for-issuing-provisional-marks-to-students-on-taught-programmes.pdf

Late Submission Policy

You are responsible for ensuring that you submit your coursework assessments (including time remote assessments) in the correct format and by the published deadline (date and time). Any piece of assessed work which is submitted beyond the published deadline (date and time) would be classed as a late submission and will incur a penalty (a cap at the pass mark, or it is classed as a fail). Further guidance on Late Submission of Assessments can be found on the Academic Governance website:

 www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/markings-and-moderation/Late-submission-Policy.pdf

If you submit late due to mitigating circumstances, you may be able to make a claim that means that the cap on your mark is lifted. Please see below and the policy document.

Mitigating Circumstances

During your studies you may be affected by sudden or unforeseen circumstances. You should always contact your personal tutor for advice and support. If this happens at the time of, or immediately preceding your assessments you may be able to make a claim for mitigating circumstances. If successful this claim enables the Board of Examiners when reviewing your marks at the end of the year to have greater discretion with regards to offering repeat attempts (either capped or uncapped), a repeat year, or with your progression or final classification. Please note, the Board are not permitted to amend the marks that you were awarded, only to take your claim into account making decisions.

All claims must be supported by independent evidence and submitted within 10 working days of the assessment deadline. Any claim made after this deadline is likely to be rejected unless there is a good reason (such as you were still unwell) until the point of submitting the claim. Details of the College's Mitigating Circumstances procedure can be found under the Mitigating Circumstances tab on the page below:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/

Through the procedure you may also be able to request an extension deadline to some forms of assessment. Wherever possible it is expected that this is used as it will enable you to complete your studies within the same College year (rather than over the summer holiday or in the next year).

Your department will have specific instructions for making a claim for mitigation or for requesting an extension. Details can be found at:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-

Support for ongoing or long-term conditions, or for registered disabilities would not normally fall under the remit of mitigating circumstances and students should be supported through their studies with additional examination arrangements. More details can be found at:

 www.imperial.ac.uk/disability-advisory-service/current-students/support-available/adjustments-and-support/


Academic Misconduct Policy and Procedures

As has been highlighted under the Academic Integrity section, it is important that you learn how to properly attribute and acknowledge the work, data, and ideas of others. Any proven form of academic misconduct is subject to penalties as outlined in the College's Misconduct Policy and Procedures.

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/

Unsatisfactory Engagement

Unfortunately, sometimes students struggle to make satisfactory progress in their study or their engagement with their studies falls below our expectations. The College has a process to identify and support students by reaffirming these expectations with an action plan. If a student does not satisfactorily engage with these supportive measures, they can be withdrawn from their studies. The full details of this process, and the appeals procedure relating to it can be found at:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/complaints-appeals-and-discipline


Mutual Expectations

The mutual expectations document provides a suggested starter list of expectations that master's students and their project supervisors might expect from each other. It is designed to facilitate conversations to establish effective partnerships and it is recommended that the document is discussed at the first meeting between a main project supervisor and a new student. It should be noted that this is not exhaustive, and that Departments may have variations in roles and responsibilities; supervisors should be aware of any such variations and will feed this into their discussions with students. Further, it is recognised that supervisors may not always be best placed to meet all the expectations laid out in the document, but should be aware of who, in their department, can. Students and project supervisors are encouraged to discuss, tailor, and personalise the document further to suit. It is also recommended that students and their project supervisors re-visit the document throughout the duration of the project.

 www.bb.imperial.ac.uk/bbcswebdav/xid-12494962_1

Academic Appeals Procedure

We have rigorous regulations in place to ensure assessments are conducted with fairness and consistency, claims for mitigating circumstances have been considered reasonably and in line with the regulations of the College, and that the decisions of the Boards of Examiners maintain the integrity of our academic awards. Should you believe that you have grounds to appeal these decisions, we have laid out clear and consistent procedures through which appeals can be investigated and considered:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/complaints-appeals-and-discipline

Arithmetic Marks Check


If you consider that there may have been an error in the adding up of your marks, you may request an arithmetic mark check. Please note that this must be requested within 10 working days of the official notification of your results from the Results team in Registry. You may not request a marks check for a previous year of study. Please note that a marks check is not a remark of your work, but an administrative check that the marks have been accurately recorded.

Student Complaints

The College strives to ensure that all students are well supported in their studies and receive a good experience of their programme and the wider College activities. If you feel that your experience has not lived up to these expectations the College has an agreed Students Complaints process through which your concern can be investigated and considered.

If you have any concerns about your experience at the College and have been unable to address these informally, you should contact Student Complaints who can provide advice about what is the appropriate way to seek to resolve this at:

 student.complaints@imperial.ac.uk

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/complaints-appeals-and-discipline

Student Disciplinary Procedure

The College has the right to investigate any allegation of misconduct against a student and may take disciplinary action where it decides, on the balance of probabilities, that a breach of discipline has been committed. This Procedure is currently under review and will be updated during the 2022-23 academic year. The general principles of the Student Disciplinary Procedure are available on the College website:

 www.imperial.ac.uk/about/governance/academic-governance/academic-policy/complaints-appeals-and-discipline/

Intellectual Property Rights Policy

For further guidance on the College's Intellectual Property Rights Policy is available on the College website:

 www.imperial.ac.uk/research-and-innovation/research-office/research-policies/research-related-policies/ip-policy/

Further information about the Imperial Enterprise Lab can be found at:

 www.imperial.ac.uk/students/enterprising-students

 www.imperialenterpriselab.com/support/experts-in-residence

Use of IT Facilities


View the Conditions of Use of IT Facilities:

 www.imperial.ac.uk/admin-services/ict/self-service/computers-printing/conditions-of-use-of-it-resources/

General Data Protection Regulation (GDPR)

All staff and students who work with personal data are responsible for complying with GDPR. The College will provide support and guidance, but you do have a personal responsibility to comply.

In line with the above please see the College's privacy notice for students which form part of the terms and conditions of registration with the College.

 www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/admissions/Privacy-Notice-for-Students-and-Prospective-Students.pdf

9. Wellbeing, Support and Advice

In your department

Your department has a system of academic and pastoral care in place to make sure you have access to the appropriate support throughout your time at Imperial.

Your Personal Tutor

Your Personal Tutor is your first point of contact for pastoral support and advice. You can arrange to have a meeting with them at any time during your studies (although most Personal Tutors will have set office hours or may require you to make an appointment).

If necessary, they will direct you to an appropriate source of support.

Mathematics Department PG Welfare Officer

Dr Gunnar Pruessner
6M32 Huxley Building
020 7594 8534
g.pruessner@imperial.ac.uk

Departmental Disability Officers

Departmental Disability Officers are the first point of contact in your department for issues around disability. They can apply for additional exam arrangements on your behalf and will facilitate support within your department.


Your Department Disability Officer

Sai Nathan
654 Huxley Building
020 7594 8500
sai.nathan@imperial.ac.uk

More information on Departmental Disability Officers is available at:

 www.imperial.ac.uk/disability-advisory-service/about-us/departmental-disability-officers/

More information about how to request additional arrangements for exams if you have a disability is available at:

 www.imperial.ac.uk/student-records-and-data/for-current-students/undergraduate-and-taught-postgraduate/exams-assessments-and-regulations/additional-exam-arrangements-in-respect-of-disability

Your Union

All Imperial students automatically become members of Imperial College Union when they register at the College. The Union provides a range of independent support.

Imperial College Union Advice Centre

The ICU Advice Service delivers free, confidential, and impartial advice covering academic issues, complaints and disciplinaries, College accommodation, and internal and external signposting. Contact advice@imperial.ac.uk and complete the registration form to speak with a member of the team.

 www.imperialcollegeunion.org/advice

Student representatives

Imperial College Union operates two Representation Networks of over 600 elected student representatives – the Academic Representation Network and the Wellbeing Representation Network. Reps represent the voice of students and can direct you to internal and external support services. The Union’s Liberation Officers also work to make sure that the views of under-represented and interest groups are heard at the College.

If you have any feedback about issues in your department relating to academic or wellbeing issues, you can speak to one of your student representatives.

 www.imperialcollegeunion.org/your-union/your-representatives/a-to-z

Student Hub

At the Student Hub, you can access advice about accommodation, admissions and financial support and get help with international student enquiries, questions about student records, and exams.

 www.imperial.ac.uk/student-hub

Student Support Zone

If you have moved home to take up your place at Imperial, you will need to register with a new doctor (also known as a General Practitioner or GP) so that you can access NHS healthcare. It’s important that you register with a doctor soon after you arrive – don’t wait until you are sick, as this could delay your access to treatment.





Student Support Zone has lots of information about the resources available at Imperial and beyond to help you to stay healthy and happy. It’s a great place to start when you’re looking for some support – it covers advice about housing and money, health, wellbeing and maintaining a good work-life balance, and provides the details of who you can contact if you need some extra support.

 www.imperial.ac.uk/student-support-zone




Useful support contacts

Health and wellbeing


Imperial College Health Centre

 40 Prince’s Gardens, South Kensington Campus
 020 7584 6301
 imperialcollege.hc@nhs.net
 www.imperialcollegehealthcentre.co.uk


Imperial College Dental Centre

 Prince’s Gardens, South Kensington Campus
 020 7589 6623
 www.imperialcollegedental.co.uk

Student Counselling and Mental Health Advice Service

 020 7594 9637
 counselling@imperial.ac.uk
 www.imperial.ac.uk/counselling

Multi-Faith Chaplaincy Service




 Chemistry Building, South Kensington Campus
 chaplaincy@imperial.ac.uk
 www.imperial.ac.uk/chaplaincy

Disability Advisory Service

 Room 566, Level 5, Sherfield Building, South Kensington Campus
 020 7594 9755
 disabilities@imperial.ac.uk
 www.imperial.ac.uk/disability-advisory-service

International students' support

Centre for Academic English





 Level 3, Sherfield Building, South Kensington Campus
 english@imperial.ac.uk
 www.imperial.ac.uk/academic-english

International Student Support team

 020 7594 8040
 www.imperial.ac.uk/students/international-students/




Careers

Careers Service

 Level 5, Sherfield Building, South Kensington Campus
 020 7594 8024
 careers@imperial.ac.uk
 www.imperial.ac.uk/careers

ICT and software

ICT Service Desk

 Central Library, South Kensington Campus
 020 7594 9000
 www.imperial.ac.uk/ict/service-desk

Software shop



www.imperial.ac.uk/admin-services/ict/self-service/computers-printing/devices-and-software/



10. Student Administration

The Student Administration Team are responsible for the administration and maintenance of the student records for all students studying at the College. This includes enrolments, programme transfers, interruption of studies, withdrawals and processing of examination entry for research degree students. The team also use this information to fulfil reporting duties to the Student Loans Company, Transport for London and the UKVI, as well as other external bodies.



The Team is responsible for the processing of student results and awards on the student record system as well as the production and distribution of academic transcripts and certificates of award.

The Student Administration Team produce a variety of standard document requests for both current and previous students including council tax letters, standard statements of attendance and confirmation of degree letters.

Student Records

 +44 (0)20 7594 7268
 student.records@imperial.ac.uk

Degree Certificates

 +44 (0)20 7594 7267
 certificates@imperial.ac.uk

11. Work-life Balance

The pace and intensity of study at Imperial can be demanding so it's important to find time for outside interests.

Imperial College Union

The Union's range of 360+ student-led clubs, societies and projects is one of the largest of any UK university, opening up lots of ways for you to enjoy your downtime.

 www.imperialcollegeunion.org/about-us

Move Imperial

Imperial College has a wide range of sports and activities on offer that cater for all experience levels and abilities. We have a recreational activity offer, competitive sports teams and an elite sport programme. We are dedicated to ensuring we have a diverse, inclusive and exciting offer for all.

More information about Imperial student memberships and updates to our services can be found at:

 www.imperial.ac.uk/ethos/memberships/students

With an annual fee of £35 you will get use of the gym and swimming facilities on our campuses.

 www.imperial.ac.uk/sport

We have a huge collection of online resources, home workout videos, healthy recipes and playlists available to all as part of our MoveMore campaign, more information can be found at:

 www.imperial.ac.uk/sport/move-more/

12. Student Feedback and Representation

Feedback from students

The College and Union is committed to continually improving your education and wider experience and a key part of this is your feedback. Feedback is thoroughly discussed by your student representatives and staff.

Student representation

Student Representatives are recruited from every department to gather feedback from students to discuss with staff. More information about the role, and instructions on how to become an academic representative, are available on the Imperial College Union website.



www.imperialcollegeunion.org/your-union/your-representatives/academic-representatives/overview

Staff-Student Committee

Staff-Student Committees are designed to strengthen understanding and improve the flow of communication between staff and students and, through open dialogue, promote high standards of education and training, in a co-operative and constructive atmosphere. College good practice guidelines for staff-student committees are available here:



www.imperial.ac.uk/about/governance/academic-governance/academic-policy/student-feedback

13. Student Surveys

Your feedback is important to your department, the College and Imperial College Union. Whilst there are a variety of ways to give your feedback on your College experience, the following surveys give you regular opportunities to make your voice heard:

- **Module Evaluation Questionnaire (MEQ)**

The MEQ is your chance to tell us about the modules you have attended. The questionnaire is open to students across all years of study and runs at the end of the autumn, spring, and summer terms. The survey is confidential. The more you take part the more representative the results so please take a few minutes to give your views.

Last academic year, the College asked students to take part in the Postgraduate Taught Experience Survey (PTES). This is a national survey that helps us to compare how we are doing against other institutions, to make changes that will improve what we do in future and to keep doing the things that are valued by our students. The results of the 2022 survey are published online (link below). PTES is run bi-annually at the College.

The Union's "You Said, We Did" campaign shows you some of the changes made as a result of survey feedback:

 www.imperialcollegeunion.org/you-said-we-did

The Union's response to surveys can be found here:

 www.imperialcollegeunion.org/your-union/your-representatives/responses

If you would like to know more about any of these surveys or see the results from previous surveys, please visit:

 www.imperial.ac.uk/students/academic-support/student-surveys/pg-student-surveys

14. And Finally

Alumni Services

When you graduate you will be part of a lifelong community of over 190,000 alumni, with access to a range of alumni benefits including:

- discounts on further study at the College and at Imperial College Business School
- alumni email service
- networking events
- access to the library and online resources
- access to the full range of careers support offered to current students for up to three years after you graduate
- access to our Alumni Visitor Centre at the South Kensington Campus, with free Wi-Fi, complimentary drinks, newspapers and magazines, and daytime left luggage facility

Visit the Alumni website to find out more about your new community, including case studies of other alumni and a directory of local alumni groups in countries across the world.

 www.imperial.ac.uk/alumni

Opportunities for Further Study

After you have completed your MSc in Pure Mathematics you may choose to do a PhD in Imperial College London or another university in the UK or abroad. You will need to apply early in the year – October or November is not too early to start this process!