Faculty of Natural Science
Department of Physics

MSc in Optics and Photonics
MRes in Photonics

Student Handbook
2021-22
## Contents

Welcome to the College ......................................................................................................................... 1  
Our Principles ......................................................................................................................................... 2  
Welcome from the Graduate School ........................................................................................................ 3  
The Graduate School ............................................................................................................................... 4  
1. Introduction to the Department ........................................................................................................... 5  
   Welcome from Programme Director ...................................................................................................... 5  
   Academic and Administrative staff ...................................................................................................... 6  
   English language requirement .............................................................................................................. 7  
   Attendance and absence ........................................................................................................................ 7  
   Key dates 2021–22 .................................................................................................................................. 7  
2. Programme Information ........................................................................................................................ 8  
   Overview .............................................................................................................................................. 8  
   Aims and Objectives ............................................................................................................................. 8  
   Description of the Programmes ............................................................................................................ 9  
   Part time studies .................................................................................................................................. 11  
   Professional Skills .............................................................................................................................. 11  
   Module Descriptions ........................................................................................................................... 11  
   Project Selection .................................................................................................................................. 11  
   Imperial Mobile app ............................................................................................................................. 12  
   Welcome to Imperial app ...................................................................................................................... 12  
   Imperial Success Guide ....................................................................................................................... 12  
3. Assessment ........................................................................................................................................ 13  
   Requirements for Programme Completion ............................................................................................. 13  
   Laboratory ......................................................................................................................................... 15  
   Self-study Project ............................................................................................................................... 15  
   Project ............................................................................................................................................... 16  
   Plagiarism .......................................................................................................................................... 16  
   Collusion ........................................................................................................................................... 17  
   Exam offences .................................................................................................................................... 17  
   Dishonest practice ............................................................................................................................... 17  
4. Board of Examiners ............................................................................................................................. 18  
5. Location and Facilities .......................................................................................................................... 19  
6. Placements .......................................................................................................................................... 21  
7. Working While Studying ....................................................................................................................... 22
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health and Safety</td>
<td>23</td>
</tr>
<tr>
<td>College Policies and Procedures</td>
<td>25</td>
</tr>
<tr>
<td>Regulations for Students</td>
<td>25</td>
</tr>
<tr>
<td>Academic Feedback Policy</td>
<td>25</td>
</tr>
<tr>
<td>Provisional Marks Guidance</td>
<td>25</td>
</tr>
<tr>
<td>Late Submission Policy</td>
<td>25</td>
</tr>
<tr>
<td>Mitigating Circumstances</td>
<td>26</td>
</tr>
<tr>
<td>Academic Misconduct Policy and Procedures</td>
<td>26</td>
</tr>
<tr>
<td>Unsatisfactory Progress</td>
<td>26</td>
</tr>
<tr>
<td>Mutual Expectations for MRes programmes</td>
<td>27</td>
</tr>
<tr>
<td>Academic Appeals Procedure</td>
<td>27</td>
</tr>
<tr>
<td>Arithmetic Marks Check</td>
<td>27</td>
</tr>
<tr>
<td>Student Complaints</td>
<td>27</td>
</tr>
<tr>
<td>Student Disciplinary Procedure</td>
<td>28</td>
</tr>
<tr>
<td>Intellectual Property Rights Policy</td>
<td>28</td>
</tr>
<tr>
<td>Use of IT Facilities</td>
<td>28</td>
</tr>
<tr>
<td>General Data Protection Regulation (GDPR)</td>
<td>28</td>
</tr>
<tr>
<td>Wellbeing, Support and Advice</td>
<td>29</td>
</tr>
<tr>
<td>In your department</td>
<td>29</td>
</tr>
<tr>
<td>Your Union</td>
<td>29</td>
</tr>
<tr>
<td>Student Hub</td>
<td>30</td>
</tr>
<tr>
<td>Student Support Zone</td>
<td>30</td>
</tr>
<tr>
<td>Useful support contacts</td>
<td>30</td>
</tr>
<tr>
<td>Student Administration</td>
<td>33</td>
</tr>
<tr>
<td>Work-life Balance</td>
<td>34</td>
</tr>
<tr>
<td>Graduate Students’ Union</td>
<td>34</td>
</tr>
<tr>
<td>Move Imperial</td>
<td>34</td>
</tr>
<tr>
<td>Student feedback and representation</td>
<td>35</td>
</tr>
<tr>
<td>Feedback from students</td>
<td>35</td>
</tr>
<tr>
<td>Student representation</td>
<td>35</td>
</tr>
<tr>
<td>Staff-Student Committee</td>
<td>35</td>
</tr>
<tr>
<td>Student Surveys</td>
<td>36</td>
</tr>
<tr>
<td>And finally</td>
<td>37</td>
</tr>
<tr>
<td>Alumni Services</td>
<td>37</td>
</tr>
<tr>
<td>Opportunities for Further Study</td>
<td>37</td>
</tr>
</tbody>
</table>
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 part of this prestigious community of discovery and we hope you will take this opportunity to make your own unique contribution.

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.

We understand that this is a challenging time for our student community due to the impact of coronavirus and we are committed to providing you with the very best academic resources to enrich your experience. Information on teaching and learning, services and facilities to support the wider student experience during the Covid-19 pandemic 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 – see page 6 for more information.

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. Access to the gym and other sporting facilities will be dependent on government guidance. We are working to ensure that you have access to a variety of resources online to support your health and wellbeing if there are restrictions.

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 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 Union and the Graduate 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 else, 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
- 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/](http://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](mailto:graduate.school@imperial.ac.uk)

[www.imperial.ac.uk/graduate-school](http://www.imperial.ac.uk/graduate-school)
1. Introduction to the Department

Welcome from Programme Director

Welcome to Imperial College and I hope you have enjoyable time while you are learning about physics.

The purpose of this handbook is to provide current students with a detailed description of the Photonics programmes, including assessment and feedback mechanisms. This edition of the handbook applies to the academic year 2021-22. The Photonics programmes have a relatively small number of students (in comparison to the undergraduate physics courses) and they have extensive access to the academic and support staff of the Department; students therefore should not hesitate to approach the Programme Director or any member of staff for advice or assistance.

This handbook describes the framework of the course and its assessment but the Programme Director may make changes to detailed procedures if the circumstances indicate this is desirable. Similarly, the Board of Examiners has absolute discretion to modify the criteria described in this handbook, although in practice this would only occur in exceptional circumstances. Students will be consulted on any changes prior to their introduction.
Academic and Administrative staff

Kenny Weir
Programme Director:
- MSc in Optics and Photonics
- MRes in Photonics
Blackett 212
47500
k.weir
(all emails are xxx@imperial.ac.uk)

Mark Neil
Head of Laboratory
Blackett 608
46611
mark.neil

Andrew Williamson
Programme Organiser
Blackett 316
47631
andrew.williamson
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, see page 31.

Attendance and absence
You must inform your Senior Postgraduate Tutor if you are absent from the 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 are ill and miss an assessment deadline (this could be an examination, presentation or a coursework submission) you will need to make a claim for mitigating circumstances within 10 working days of the deadline. 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.

Key dates 2021–22

Term dates
Autumn term: 2 October 2021 - 17 December 2021
Spring term: 8 January 2022 - 25 March 2022
Summer term: 30 April 2022 - 1 July 2022

Closure dates
Christmas/New year: 24 December 2021 - 1 January 2022
(Conference reopens on 4 January 2022)
Easter Holiday: 13 April 2022 – 19 April 2022
(Conference reopens on 20 April 2022)
Early May Bank Holiday: 2 May 2022
Spring Bank Holiday: 2 June 2022
Platinum Jubilee Bank Holiday 3 June 2022
Summer Bank Holiday: 29 August 2022

Key events
Great Exhibition Road Festival: 9 October 2021 – 15 October 2021
2. Programme Information

Overview
Imperial has offered an advanced programme in optics for over 80 years and the current MSc in Optics and Photonics and the MRes in Photonics draws on our experience as one of the largest centres for optics-based research and application in the UK.

The programmes includes substantial laboratory and project work, often based within industry. There is also a chance to undertake a self-study project in an area of your choice. Optics MSc students finish with a four-month, full-time project, which may be in industry, an academic research group, or abroad. Photonics MRes students complete a nine month project which prepares them for their PhD.

Graduates of this programme are well qualified to apply their knowledge in a wide range of industrial contexts, as well as in a research environment. They find employment with a variety of careers in industry and many move on to doctoral studies at leading universities in the UK and abroad.

Aims and Objectives
The formal aim of the MSc in Optics and Photonics programme is:

"To provide a high quality education in optics that prepares students for research or technical work in industry or an academic environment."

This aim is fulfilled via the following learning outcomes. MSc graduates will be able to:

- describe the essentials of optical phenomena and its applications, beyond the undergraduate level,
- discuss specialized topics in optics at the forefront of current knowledge;
- design and construct an experiment and critically evaluate the results, including a numerical estimation of the errors,
- construct a computational model of an optical system and apply the model to ‘real-world’ problems,
- complete an extended, supervised independent project,
- communicate the results of their work, both orally and in writing to a specialist and non-specialist audience,
- contribute to a team and manage their time effectively.

The aim of the MRes in Photonics is to provide training in photonics prior to the start of PhD studies.

MRes in Photonics graduates will be able to:

- describe the essentials of optical phenomena and its applications, beyond the undergraduate level,
- discuss the specialized topics in optics at the forefront of current knowledge;
- design and construct an experiment and critically evaluate the results, including a numerical estimation of the errors,
- construct a computational model of an optical system and apply the model to ‘real-world’ problems,
problems,

• complete an extended, supervised independent project,
• communicate the results of their work, both orally and in writing to a specialist and non-specialist audience,
• contribute to a team and manage their time effectively,
• undertake further academic study at Doctoral level in photonics and in subjects where photonics is an important enabling science.

Description of the Programmes

The general structure is as follows (please note that module dates may change):

Term 1 (Both programmes): Lectures and Laboratory Work

Compulsory modules:

• Laboratory - 7 ECTS;
• Imaging - 6 ECTS;
• Lasers - 6 ECTS;
• Optical Measurement and Devices – 6 ECTS;
• Self Study Project – 2 ECTS.

and either:

• Optical Communications/Information Theory - 3 ECTS and 3 ECTS; or
• Plasmonics and Metamaterials – 6 ECTS.

If a student has taken one of these modules as an undergraduate they may replace the module with the appropriate number of optional modules. To balance the work, the self study project will be completed in the first term.

Term 2 (Optics and Photonics): Lectures, Laboratory Work and Self Study Project;

Compulsory modules:

• Laboratory – 5 ECTS;

Optional lecture modules (students choose 24 ECTS from the list below):

• Advanced Topics in Nanophotonics – 6 ECTS;
• Biomedical Optics – 3 ECTS;
• Fibre Optic Technology – 3 ECTS;
• Laser Optics – 3 ECTS;
• Laser Technology – 3 ECTS;
• Nonlinear Optics – 3 ECTS;
• Optical Design – 6 ECTS;
• Optical Design Laboratory – 6 ECTS;
• Optical Displays – 3 ECTS;
• Optoelectronic Components and Devices – 3 ECTS;
• Photonic Structures – 3 ECTS.

Term 2 (Photonics MRes): Lectures, Laboratory Work and Self Study Project;

Compulsory modules:

• Literature review and project plan – 10 ECTS.

Optional lecture modules (students may choose up to 12 ECTS from the list above in lieu of their project work, with the agreement of their project supervisor):

Term 3 and summer period (Optics and Photonics): Project Work

• Full time project work - 28 ECTS.

Projects are offered by academic staff based on their current research and may be offered by other research organisations or by industrial companies, so the projects available will not be known until the students select their projects in the spring term. The list below shows some of the projects undertaken by MSc students recently.

• An economic structured light system with the potential for hyperspectral imaging;
• The design of a multi-pass amplifier and improving beam pointing stabilization in the laser upgrade system;
• Use of an adaptive optical element for 3D localization-based super-resolution microscopy;
• Photo-ionization of atomic/molecular gases using attosecond pulses;
• Tomographic imaging of supersonic gas flows used as a target in laser wakefield accelerators;
• Non-linear optical wavelength shifting in an optical fibre;
• A novel low-cost deformable mirror;
• Monitoring and control of wavelength-tunable few-cycle laser pulses;
• Brightness-enhanced solid-state light sources;
• An automated high throughput microscopy system;
• Controlling spherical aberration in microscopes;
• Ultrafast IR spectroscopy of lead-halide perovskites using broadly tuneable optical parametric amplifier;
• Imaging nanostructured magnetic networks;
• Structured illumination microscopy;
• Aberrations in plasmonic lenses.

Term 3 and summer period (Photonics MRes): Project Work

• Full time project work - 50 ECTS.

Your project and supervisor will have been agreed prior to beginning the MRes.

The timetable for the programme will be distributed using iCalendar.
**Part time studies**
The MSc in Optics and Photonics is available as a part time programme over two years. In the first year students complete two of the four compulsory lecture modules, half of the optional modules, a selection of laboratory experiments and their self study project. In the second year students complete the remaining modules and their project.

As the part time programme requires the student to gain some practical experience in optics and to complete an optics-related project outside College the part time programme is only available to students currently employed in an organisation in the optics community.

**Professional Skills**
These programmes will develop professional skills valued in a working environment, such as team working, problem solving and presentation skills.

These activities are supported by the Graduate School courses. Details can be found at [http://www3.imperial.ac.uk/graduateschool/currentstudents/professionalskillsmasters](http://www3.imperial.ac.uk/graduateschool/currentstudents/professionalskillsmasters).

**Module Descriptions**
Information on the modules will be available in Blackboard and at the start of each module.

**Project Selection**
Self study projects are selected early in the first term. A list of projects with supervisors is presented, and students can approach the supervisor and both may agree on the project. If the student has their own idea for a project they can approach the Programme Director and, if it is agreed the student may approach potential supervisors (with help from the Programme Director if needed). If a student has difficulty finding a project, they should speak to the Programme Director.

The process is similar for summer projects. In February a list of project with supervisors is presented and students may select a project as above. Several projects may be offered by industrial companies or external research organisations; if a student is interested in these projects then a visit and interview are usually arranged prior to either party agreeing to the project – please note the company is not obliged to accept a student.

If you wish to arrange your own project you must speak to the Programme Director as soon as possible, **and by the end of February at the latest**. The Department needs to ensure that supervisory, health and safety and intellectual property issues are agreed before the project is approved. It is expected that most projects will have been arranged by the start of the third term, and all should be in place by the start of the examinations.

The projects are assessed by a final report, which must be submitted by the date specified, a literature review, a poster presentation and a continuous assessment mark from the project supervisor.

Where projects are pursued in industry, it is important that industrial supervisors ensure that confidentiality considerations will not prevent students from adequately reporting their work. If there is concern of commercial sensitivity, this must be raised at the outset of the project, so that the College can consider the issue at an early stage.
**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.

웹사이트 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.

웹사이트 www.imperial.ac.uk/success-guide
3. Assessment

For assessments that take place in the autumn term, or at the start of the spring term of the 2021-22 academic year, where there was to be an in-person on-campus written examination, these will be assessed by timed remote assessments, irrespective of whether there are restrictions in place or not. We may continue to deliver examinations by timed remote assessments where these are deemed the most appropriate method of assessment.

Requirements for Programme Completion

The MSc in Optics and Photonics consists of three elements:

1) Lecture modules (40% of the total programme mark), consisting of the components:
   a) Core module examinations (20% of the total programme mark); and
   b) Option module examinations (20% of the total programme mark).

2) Project (35% of the total programme mark), consisting of the components:
   a) Self Study Project (5% of the total programme mark); and
   b) Dissertation (30% of the total programme mark).

3) Laboratory (25% of the total programme mark); the laboratory element consists of a single component.

The MRes in Photonics consists of two elements:

1) Core Skills (35% of the total programme mark), consisting of the components:
   a) Core module examinations (20% of the total programme mark); and
   b) Laboratory work (15% of the total programme mark).

2) Project (65% of the total programme mark), consisting of the components:
   a) Literature review (5% of the total programme mark); and
   b) Optional modules (up to 10% of the total programme mark).
   c) Project work (up to 60% of the total programme mark);

To pass the programme, the candidate must achieve an aggregate mark of 50% or higher in each element. In addition, they must have passed each component with a mark of 40% or higher.

A candidate can be considered for a Merit if the candidate has achieved an aggregate mark of ≥60%; and a mark of ≥60% for at least two of the elements and ≥50% for the other element.

A candidate can be considered for a Distinction if the candidate has achieved an aggregate mark of ≥70%; and a mark of ≥70% for at least two of the elements and ≥60% for the other element.

The Examiners nevertheless reserve the right to make adjustments to the procedures given in this section in exceptional circumstances.

Formal feedback to the students in each activity is by way of a letter grade indicating the percentage band of their attainment. The definition of the letter grades is
<table>
<thead>
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<th>Grade</th>
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<tr>
<td>A</td>
<td>70.0 – 100%</td>
</tr>
<tr>
<td>B</td>
<td>60.0 – 69.9%</td>
</tr>
<tr>
<td>C</td>
<td>50.0 – 59.9%</td>
</tr>
<tr>
<td>D</td>
<td>40.0 – 49.9%</td>
</tr>
<tr>
<td>F</td>
<td>0 – 39.9%</td>
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Resits for the written examinations may be held either late in the academic year (if offered) or at the next available opportunity, usually the following academic year. Students can select on which occasion they wish to resit the examinations (but College regulations allow only one resit, otherwise the student is deemed to have failed the programme). Students will retake the examinations for the specific subjects they have failed.

Assessment of the lecture modules is by primarily by written examinations, the examination questions being set by the lecturers delivering the module. One or more of the modules may include questions that require the use of a college provided computer – if so the structure and regulations of the examination will be made clear prior to the start of the module.

For the examinations, each examination question is marked by the module lecturer, the mark being moderated by a second marker. The total mark for each paper is converted to a percentage, the corresponding letter grade being fed back to the student.

Draft examination papers are prepared by the lecturer, moderated by a second member of staff and sent in advance to the External Examiner who reviews them and suggests changes. After discussion with the module lecturers, these changes are usually incorporated into the final papers.

Core lecture courses:

The timing and format of the examinations may change if they cannot be held at College.

Candidates must sit the examinations appropriate to the course(s) they have taken.

- Imaging (2.0 hours; two compulsory questions);
- Lasers (2.0 hours, two compulsory questions);
- Optical Measurement and Devices (2.0 hours, two compulsory questions).

The Optical Communications Physics and Plasmonics and Metamaterials examinations will follow the same rubric as the undergraduate examination.

Optional lecture courses:

The examinations of the optional lecture courses is subdivided into separate examinations for each lecture course. Some of these examinations may be held serially.

- Laser Technology (45 minutes, two questions, of which the candidate answers one);
- Laser Optics (45 minutes, two questions, of which the candidate answers one);
- Nonlinear Optics (45 minutes, two questions, of which the candidate answers one);
- Optical Fibre Technology (45 minutes, two questions, of which the candidate answers one);
- **Biomedical Optics** (45 minutes, two questions, of which the candidate answers one);
- **Photonic Structures** (45 minutes, two questions, of which the candidate answers one);
- **Optoelectronic Components and Devices** (45 minutes, two questions, of which the candidate answers one);
- **Optical Displays** (45 minutes, two questions, of which the candidate answers one);
- **Advanced Topics in Nanophotonics** (2 hours, three questions, of which the candidate answers two);

The assessment of the Optical design course is 2/3 examination and 1/3 assessed problem sheet. The examination is 2 hours, three questions, of which the candidate answers two.

The assessment of the Optical Design Laboratory is based upon exercises submitted during and at the end of the course. The mark for Optical Design Laboratory count the same as two examination questions.

Past examination papers are available on the [Blackboard](https://www.imperial.ac.uk/natural-sciences/departments/physics/students/current-students/undergraduates/lecture-courses/). Copies of the past undergraduate examination papers (for Optical Communications, Information Theory and Plasmonics and Metamaterials) may be found at the ‘Examinations’ tab at [https://www.imperial.ac.uk/natural-sciences/departments/physics/students/current-students/undergraduates/lecture-courses/](https://www.imperial.ac.uk/natural-sciences/departments/physics/students/current-students/undergraduates/lecture-courses/) (login required).

**Laboratory**

Each subsection that follows details the assessment procedure for each laboratory activity. The percentage in each subsection heading indicates the weighting used in determining the laboratory mark; this weighting is based on the time spent on each activity. The percentage for the MRes in Photonics is shown in blue.

**Demonstration Experiments**

Feedback for the demonstration experiments is via the student’s laboratory notebook and discussion with a demonstrator.

**Standard Experiments (Optics MSc 40%; Photonics MRes 100%)**

Assessment for the standard experiments is via the report.

**System Design (Optics MSc 60%; Photonics MRes students do not perform this experiment)**

Assessment for the System Design is via the report written by the student during the assigned period for the experiment.

Each percentage mark attained in the laboratory subsections is combined to compute the overall mark for the laboratory element.

**Self-study Project**

The self-study module is assessed via oral presentation and a report.

The self-study report is marked by the supervisor.

The final mark for the self-study component is the weighted average of the oral presentation and the written report (weighting 1:4). The letter grade corresponding to this mark is formally fed back to the students.
Project

The project is assessed via an oral presentation and a report. The final mark for the project is the weighted average of the oral presentation and the written report (weighting 1:4).

The MRes in Photonics is assessed by:

A written report (60% of the project element mark), a viva (20% of the mark), a continuous assessment by the supervisor (10% of the mark) and a presentation (10% of the mark).

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:


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 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:


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

Plagiarism

Plagiarism is the presentation of another person’s thoughts, words, images 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/](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, 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. This can include behaviour such as bringing unauthorised material into an exam, attempting to communicate with others apart from the invigilator, trying to remove examination material without permission, taking an exam for someone else or getting someone else to take an exam for you. It would also include having an electronic device that has not been fully turned off or failing to follow a reasonable instruction 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 or other individual to submit as your own), 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

- Dr Kenny Weir (Chairman)
- Prof Mike Damzen
- Prof Mark Neil
- Prof John Tisch
- Dr Chris Dunsby
- Dr Rupert Oulton

External Examiners

- Prof Mark Dickinson, Manchester University

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. 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 South East. All have excellent travel links and are easily accessible via public transport.

Your main location of study will be:

South Kensington Campus
London SW7 2AZ

Facilities

Computer access and printing is available at Blackett level 3 computer lab and the Central Library on level 2. The Department's postgraduate office is located at Blackett 316 and open Monday – Friday 9:00 – 17:00.

Library Services

The Central Library at South Kensington is open around the clock for study space pretty much all year. Make sure you find out who your departmental librarian is as they'll be able to help you find resources for your subject area. 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. Alongside these physical spaces and resources, the Library provides over 300,000 electronic books, journals and databases available both on and off campus and a free document delivery service to help you source books and articles from around the UK and the rest of the world. In order to keep you safe many of our services are operating remotely and we will be controlling the numbers who can visit our libraries. Services may be slightly reduced but you can keep up to date with the latest developments on our website and on Twitter @imperiallibrary.

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 situation, 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/campus-security 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/students
6. Placements

The College defines a placement as:

"work experience, assessed project work, a period of course-based study or a period of research (for which academic credit is awarded and/or where the student remains subject to College student regulations during the relevant period) and where there is a transfer of direct supervision of the student to a third party (i.e. where a member of staff at the third party acts as the day-to-day supervisor/manager) for a period of two weeks or more."

Academic departments are responsible for managing any study or work placement which forms part of your degree programme. It is expected that you will contribute to the process of planning your placement.

For guidance on this, see the College’s Placement and Learning Policy and associated good practice:

[link]

Your Departmental Placement Manager:

Andrew Williamson
Blackett 316
47631
andrew.williamson

The Careers Service is available to provide students with additional support in sourcing placement opportunities and preparing to apply for placement opportunities:

[link]

For general information on undertaking a placement visit the Placements website:

[link]

If you are considering/planning a placement outside the UK, you should also refer to the Placement Abroad Handbook:

[link]
7. 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.
8. Health and Safety

Keeping you safe is a top priority for us. We continue to be guided by the latest official government guidance. At Imperial, we also have some of the world’s leading researchers of the coronavirus (COVID-19) pandemic who are advising governments around the world on the most effective measures to take to protect people from the virus as well as developing and testing a new vaccine.

You will be required to follow the safety requirements put in place on campus and in all College buildings (including halls) to ensure we keep the campuses and the Imperial community safe and to mitigate the impact of the pandemic, particularly in our ability to deliver your degree programme and to offer you a full student experience.

You can find the latest guidance on the measures we are taking for your safety, plus information about the healthcare support available to you at: 

www.imperial.ac.uk/about/covid-19/students/keeping-you-safe/

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


Your Departmental safety contact is:

Stefan Hoyle
518, Sir Alexander Fleming Building
07872 850018
s.hoyle

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 in the first instance. You may also contact the Safety Department directly.

**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](http://www.imperial.ac.uk/occupational-health)
9. 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](http://www.imperial.ac.uk/about/governance/academic-governance/regulations)
- [www.imperial.ac.uk/students/terms-and-conditions](http://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](http://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)

The students will receive feedback from the problem classes, short projects and group exercises. The feedback policy will follow the guidelines of the Department of Physics, where feedback should be provided to the student within ten working days of the work being submitted. Feedback for major pieces of coursework should be provided within four weeks, though marks may not be available until after the Board of Examiners meeting.

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:


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:


Late Submission Policy
You are responsible for ensuring that you submit your coursework 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:
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/](http://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 to you complete your studies within the same College year (rather than over the summer holiday or in the next year).

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/](http://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/](http://www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-and-assessment/)

**Unsatisfactory Progress**

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. The full details of this process, and the appeals procedure relating to it can be found at:
Mutual Expectations for MRes programmes

The Mutual Expectations document provides a list of minimum expectations that the Student Programme Partner and the Graduate School Programme Lead can expect from each other. It is designed to facilitate conversations to establish an effective partnership; it is recommended that the document is discussed at the first meeting.

The Mutual Expectations document is available here:

www.imperial.ac.uk/media/imperial-college/study/graduate-school/public/students-as-partners/SPP-Mutual-Expectations.pdf

Further information about Mutual Expectations and Students as Partners can be found here:

www.imperial.ac.uk/study/pg/graduate-school/students-as-partners/expectations-responsibilities-mutual-expectations/
www.imperial.ac.uk/study/pg/graduate-school/students-as-partners/

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. In the event that 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.

If you are requesting an arithmetic mark check, please submit the Arithmetic mark check form to Andrew Williamson.

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 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. The general principles of the Student Disciplinary Procedure are available on the College website:

www.imperial.ac.uk/admin-services/secretariat/college-governance/charters/ordinances/students/

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/ip/

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/staff-computers/conditions-of-use-for-it-facilities/

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
10. 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.

Personal Postgraduate Tutor
The Department’s Personal Postgraduate Tutor can offer pastoral support and advice. You can arrange to have a meeting with them at any time during your studies – what you discuss will be completely confidential.

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

The Postgraduate tutor in the Physics Department is Dr Arnaud Czaja (a.czaja@imperial.ac.uk – ext. 41789), who is available to discuss any matter, personal and academic, in confidence.

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 Departmental Disability Officer is: Andrew Williamson

Email: andrew.williamson
Telephone: 020 7594 7631

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:


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 Union’s advisers are on hand to provide free, confidential, independent advice on a wide range of welfare issues including housing, money and debt, employment and consumer rights, and personal safety.
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.

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.

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.

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/study/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/
11. 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
13. **Work-life Balance**

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

**Graduate Students’ Union**

The Graduate Students’ Union is the postgraduate arm of Imperial College Union. The GSU works alongside the Imperial College Union President to ensure that the requirements of postgraduate students are catered for. It also organises a number of academic and social events during the year.

**Move Imperial**

Imperial College has a wide range of sports and activities on offer that cater for all standards 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/](http://www.imperial.ac.uk/ethos/memberships/students/)

With an annual fee of £30 you will get use of the gym and swimming facilities on our campuses.

- [www.imperial.ac.uk/sport](http://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 MoveFromHome campaign, more information can be found at:

- [www.imperial.ac.uk/sport/movefromhome](http://www.imperial.ac.uk/sport/movefromhome)
14. **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](http://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](http://www.imperial.ac.uk/about/governance/academic-governance/academic-policy/student-feedback)

**Postgraduate Masters Committee (PMC)**
The membership of the PMC consists of the Programme Organisers, the student representatives for each masters programme and the Directors of Postgraduate Studies and of Undergraduate Studies. The PMC typically meets twice a year. Each Masters programme must elected a student representative early in the autumn term to serve on the PMC. Their role is to inform the PMC of the concerns of the students and to assist in implementing any changes proposed.

*As well as the formal monitoring system, students are encouraged to raise any concerns with the Programme Organiser as they arise.*
15. 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 Imperial experience, the following College-wide surveys give you regular opportunities to make your voice heard:

- PG Student Online Evaluation (SOLE) module survey or departmental equivalent
- Student Experience Survey (SES)

The PG SOLE module survey (or equivalent for your department) runs at the end of the autumn and spring terms. This survey is your chance to tell us about the modules you have attended.

The Student Experience Survey (SES) is an opportunity to give your views on your experience beyond the lecture theatres or labs. This survey will cover a range of College services and on the Imperial College Union.

All these surveys are confidential and the more students that take part the more representative the results so please take a few minutes to give your views.

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

For further information on surveys, please contact the Registry’s Surveys Team at:

- surveys.registrysupport@imperial.ac.uk
16. 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.

web. www.imperial.ac.uk/alumni

Opportunities for Further Study
After you have completed the MSc in Optics and Photonics or the MRes in Photonics, you may choose to progress to PhD studies in the Department or College.

Previous graduates have gone on to PhD studies at Imperial College and other major universities in Europe and elsewhere (such as Oxford, UCLA, MIT, Arizona and ETH Zurich) and employment in optics related businesses (such as NPL, BAE Systems, Buhler UK, Coherent and Zemax).