# IMPERIAL

Faculty of Engineering

Department of Electrical and
Electronic Engineering



Student Handbook 2025–26

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## Welcome to Imperial

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.

Imperial provides 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 writing your literature review or simply having someone to talk to.

You'll have access to an innovative range of professional development courses by the Early Career Researcher Institute, the Careers Service, Library Services and other support services teams throughout your time here, as well as opportunities to meet students from across the university 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 Imperial and Imperial College Union agreed 'Our Principles'. This series of commitments was developed by academic and support staff in partnership with undergraduate and postgraduate students and Imperial College Union.

#### 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 university 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 university.
- 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.

## **Doctoral Proposition**

#### **Imperial will:**

#### Provide a world-class research programme

- focused on performing cutting-edge research that makes a significant contribution to the knowledge base
- throughout which internationally-acclaimed academics support, inspire and challenge you as you develop into an independent researcher
- in a vibrant and diverse community united by the aims of advancing the frontiers of science, technology, medicine and business, and addressing key economic and societal challenges

## Provide innovative and effective professional development

- equipping you with skills to increase your research and personal effectiveness
- that gives you an insight into a wide range of career opportunities
- helping to ensure that you have the necessary attributes to excel in your chosen career

#### **Deliver outstanding networking opportunities**

- providing access to the elite international research community
- that arise from our extensive engagement with industry and business
- by organising a wide range of interdisciplinary meetings and social events within the university

#### Offer life-long membership of the Imperial community

- supporting you as a student and afterwards as an alumna/us
- enabling you to share your professional advice and experience with future students

www.imperial.ac.uk/early-career-researcher-institute/who-we-support/research-degree-students/doctoral-proposition/

# **Mutual Expectations for the Research Degree Student Supervisor Partnership**

The Early Career Researcher Institute has worked with students and staff to produce a list of minimum expectations that students and supervisors can expect from each other, "our mutual expectations". It is designed to facilitate conversations to establish effective partnerships and Imperial requires that the document is discussed at the first meeting between a main supervisor and a new student, plus at regular intervals thereafter. It also brings to light the Imperial Values, which students and supervisors should embed in the way they work together. This is a key document, so make it a priority to discuss with your supervisor.

//bb.imperial.ac.uk/bbcswebdav/xid-11805857\_1

## **Cornerstone**

In April 2022 the Early Career Researcher Institute (ECRI) launched the Cornerstone programme. This dedicated umbrella support and development programme helps Imperial's doctoral supervisors better support and guide their students throughout the PhD journey. Cornerstone was developed by experts from across Imperial in partnership with doctoral students. The programme includes mandatory training for all new and experienced supervisors, as well as optional continuing professional development workshops. Cornerstone is a continually evolving provision and the Early Career Researcher Institute welcomes feedback from supervisors and students – please contact ECRI directly if you have any suggestions.



ecri@imperial.ac.uk



www.imperial.ac.uk/early-career-researcher-institute/learning-anddevelopment/cornerstone/

## **Welcome from the Early Career Researcher Institute**

#### **Welcome to Imperial and to the Early Career Researcher Institute!**

The Early Career Researcher Institute works closely with Imperial College Union to enhance your experience and to ensure that when decisions are being made which affect your time at the university, your voice is heard.

Another important aspect of our role is to provide you with a free and exciting programme of professional development opportunities, delivered through a range of modes, so you can access these wherever you are in the world.

Our staff have a variety of research and other career experiences. Our professional development opportunities are designed to support you as you progress through your programme, but also to help you improve your personal impact, and be prepared for your chosen career, whether that is within academia, industry, government or something completely different!

Importantly, by attending our courses and workshops, you will meet students from other academic departments, enabling you to start building your research connections. We also deliver exciting competitions throughout the year which are an opportunity to broaden your knowledge as well as to have some fun!

Our primary way to communicate with you will be through our e-newsletter and our professional skills email bulletins. 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 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 university and your programme has to offer.

www.imperial.ac.uk/early-career-researcher-institute/

## **Introduction from the President of Imperial College Union**



Welcome to Imperial! To begin with, a huge congratulations on joining us here at Imperial– this is where you belong! This is a globally renowned institution and offers much more than just the degree you are looking to leave with. You will come across countless opportunities and meet an array of compelling people amongst your peers, accomplished academics and the wider university community. Imperial attracts the best talent from around the world - making it here is already a testament to your academic zeal and ambitious character. Now, what you make of your experience at Imperial has the potential to shape your future.

Being located in London is a true perk of being an Imperial student. Right on our west London doorstep are landmark museums and iconic venues, including the Royal Albert Hall which has hosted Imperial graduations for over 60 years. Beyond our campuses, the city has something for everyone; be that the West End, sporting arenas or diverse cuisines. I strongly encourage you to explore where and when you can – London is a fantastic place for your university memories to call home.

You will likely have chosen to come to Imperial for its academic reputation as an outstanding university, and it will deliver on this. The facilities for research and your learning are terrific. To accompany this, there are hundreds of student-led societies and events available to you outside of your degree. These are overseen by your students' union – Imperial College Union. The Union is led by students, for students. The three deputy presidents and I have all been democratically elected to work full time on improving your student experience at Imperial. We have a large team of permanent staff behind us, running the many functions of the Union such as supporting clubs and training student representatives.

The Union also runs the Advice Service, where guidance and support can be provided on issues such as life in halls, complaints, and academic appeals. This is a free and confidential service that is independent from the university. You can access this by emailing <a href="mailto:advice@imperial.ac.uk">advice@imperial.ac.uk</a>.

University is a new stage of life. For many, this stage presents itself with newfound freedom and control over what you do. As daunting as it may seem, take advantage of it! Immerse yourself in your degree, your extra-curricular activities and in the connections you make.

No matter what problems you have or opportunities you're looking for, we're here to help. Our office is on Level 2 in Beit Quadrangle, and you can check out our website for more information.

Wishing you an incredible year ahead,

Nico Henry, Imperial College Union President 2025-26



union.president@imperial.ac.uk



imperialcollegeunion.org

## **Key dates 2025-26**

#### **Term dates**

Autumn term: 27 September 2025 – 12 December 2025

Spring term: 03 January 2026 - 20 March 2026

Summer term: 25 April 2026 – 26 June 2026

**Closure dates** 

Christmas/New Year: 23 December 2025 - 02 January 2026

(Imperial reopens on 05January 2026)

Easter Holiday: 02 April 2026 – 07 April 2026

(Imperial reopens on 08 April 2026)

Early May Bank Holiday: 04 May 2026

Spring Bank Holiday: 25 May 2026

Summer Bank Holiday: 31 August 2026

## **My Imperial Campus**

An app for students - designed by students!

My Imperial Campus is the beginning of a new mobile experience for the Imperial community.

Built by students and alumni, the ambition is for the app to reflects the real needs and ideas of the people who use it every day. We're developing it iteratively, constantly learning from our community and evolving the features that help all of us succeed at Imperial.

This is just the beginning. The app is still growing, and we're adding new functionality all the time—so download it, explore what's already there, and keep an eye out for updates and chances to get involved.

Available now on the **App Store** and **Google Play**.

#### What we've built so far:

#### Search & Al Chatbot

Chat with an in-app assistant that pulls information from within the app, across the university's website and resources—delivering quick answers when you need them.

#### Maps Maps

Explore 2D maps of all campuses, plus immersive 3D maps of South Kensington and White City. See services, navigate buildings, and find your way around campus with ease.

#### **Events**

Discover what's on across Imperial—from public lectures to Union events and society meetups. Set your preferences in Settings to tailor your feed, or use the *Welcome Week* filter to see what's lined up for new students.

#### **IIII** Timetable & Check-In

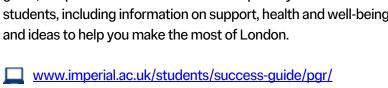
If your department requires check-in, just use the app to register your attendance when you're on site. You'll also find a quick link to your full timetable in the browser.

#### **A** Your Career

Browse the latest internships and job opportunities from the Careers Service—updated regularly to keep you connected with what's new.

## **Imperial Success Guide**

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





## **Student Shapers**

Student Shapers is a chance to actively contribute to improving your learning experience at Imperial. This programme lets you work directly with staff on exciting projects that enhance the curriculum, create innovative teaching methods, and make a real difference in our learning community. The Student Shapers programme is open to all Imperial students across all Departments. All opportunities that have been approved are listed in the 'Current Projects' area of the website.

www.imperial.ac.uk/students/studentshapers/how-to-get-involved/current-projects/

## 2. 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

Exhibition Rd, South Kensington, London SW7 2BX

#### **Facilities**

Printing is available in the main library using your student ID card.

Contact details and location of your senior research group administrator and other key contacts can be found at:

https://www.imperial.ac.uk/electrical-engineering/about/peoplefinder/research/research-groups/

The Department's Education Office is located in **Office 607** of the Electrical and Electronic Engineering Building and open Monday-Friday, 10.00 – 16.00.

If you notice any facility defects or maintenance issues, please contact the Customer Services Centre (CSC):

www.imperial.ac.uk/estates-facilities/customer-services-centre/

#### **Library Services**

The Abdus Salam 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 skills support and 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 their collection of over 637,000 titles. If they don't have what you need, they can get it for you, simply ask them to buy it or request a copy through their free Document Delivery service.

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

www.imperial.ac.uk/library

#### **Shuttle bus**

A free shuttle bus runs between our South Kensington, White City and Hammersmith Campuses on weekdays. Seats are available on a first-come, first-served basis. You need to show your Imperial ID card to board. You can download the timetable and check the latest service updates at:

www.imperial.ac.uk/estates-facilities/travel/shuttle-bus

#### **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 and the use of ecigarettes, including vapes, by staff, students or visitors is not permitted on or within 20 metres of Imperial. The policy covers all university properties, including student accommodation and sports grounds.

www.imperial.ac.uk/smoke-free

#### **Security and Community Safety team**

The Security and Community Safety team are here to help and support you 24/7. Our priority is protecting our students, staff and visitors from harm and making sure that the campus is a safe, welcoming and inclusive space.

How our team can help you:

- Assist in an emergency
- Deliver first aid
- Offer advice on personal safety
- Provide high-quality D-locks
- Issue ID cards
- Lost and found
- Signpost to mental health support

How can you contact us?

In case of an emergency, contact us through the SafeZone app (more below)

If you need to speak with us in-person, our Security and Community Safety Hub for all enquiries, parking requirements, and services including lost property and bike security is located at:

- Chemistry Building, Level 1, Room 171A (Use Chemistry 2 Main Entrance)
- Open Monday-Friday, 8am-4pm. Visit Wells Way Cabin (Located behind the Abdus Salam Library and Sherfield) for out-of-hours enquiries.

Our ID Card Services Office is located at:

• Sir Alexander Fleming Building G53

#### **SafeZone**

SafeZone is an Imperial app through which you can quickly and directly contact the Security and Safety 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 and Community Safety 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 Imperial 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 university shuttle bus.

SafeZone is optional to register for and is now available to download on the Apple and Android App stores. Visit <a href="www.imperial.ac.uk/admin-services/security/safezone/">www.imperial.ac.uk/admin-services/security/safezone/</a> for more details about SafeZone.

All existing phone numbers for the Security and Community Safety team are still operational. In the event of an emergency, you can still call 4444 from any internal university phone.

## 3. Introduction to the Department

#### **Welcome from Head of Department and Director of Postgraduate Studies**



Dear Research Student,

A very warm welcome, and my congratulations on obtaining a place in the Department of Electrical and Electronic Engineering at Imperial College. I join all my colleagues in wishing you every success in your research over the coming years.

The information attached is intended to give you a rough idea of what to expect during your studies here: The PhD lifecycle and milestones you will be expected to follow; information on the resources available to help you to achieve your objectives; and a description of our responsibilities to you as the

provider of resources and academic supervision. There is also a section on the welfare and pastoral support services that you can turn to in the event of personal or academic difficulty.

There will be an opportunity to discuss this in more detail with your supervisor this week and also at an individual interview to be arranged for you later in the term with your Postgraduate Tutor. In the meantime, may I welcome you to what I hope you will find is a supportive and thriving research community.

Yours sincerely,

Professor Tim C Green, FREng

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Head of Department, Electrical and Electronic Engineering



Dear New Research Student,

I would like to add my own words of welcome to those of the Head of Department and congratulate you on securing a place on our PhD programme. You are joining one of the world's leading EEE Departments and I hope your time with us will be both enjoyable and productive.

My job as Director of Postgraduate Studies is to oversee the smooth running of the PhD programmes in the Department. Fortunately, I am supported in this by an excellent team which for PhD includes the Postgraduate Research Officer, the Senior Research Group Administrators and the Postgraduate Tutors. All of these people are

here to help you navigate your way through the next 3-4 years, complementing the academic guidance you will receive from your supervisor(s).

In the short term you will receive a lot of information, and at times you may find yourself bewildered. Please don't hesitate to approach any of the above people, including me, if you need help or advice while settling in.

Best wishes,

Professor Pier Luigi Dragotti, Meng, MSc, PhD

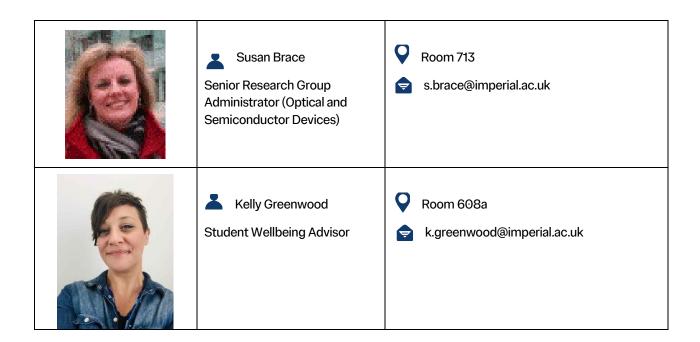
Pur duig Duyth

Director of Postgraduate Studies, Electrical and Electronic Engineering

# **Academic and administrative staff**

Prof Tim Green Head of Department	Room 610a t.green@imperial.ac.uk
Prof Pier Luigi Dragotti  Director of Postgraduate Studies	Room 814  p.dragotti@imperial.ac.uk
Dr Imad Jaimoukha Postgraduate Senior Tutor	Room 617 i.jaimouka@imperial.ac.uk
Lina Brazinskaite  Education Office Manager	Room 607 I.brazinskaite@imperial.ac.uk
Annie Murphy  Postgraduate Research Officer	Room 607 eeepgoffice@imperial.ac.uk
Ana Camarero Fernandez Education Support Administrator (PG)	Room 607 eeepgadmissions@imperial.ac.uk

Emma Rainbow  Departmental Disability Officer	Room 607 e.rainbow@imperial.ac.uk			
Wiesia Hsissen  Senior Research Group  Administrator (Circuits and  Systems)	Room 910  w.hsissen@imperial.ac.uk			
Vanessa Rodriquez- Gonzalez  Senior Research Group Administrator (Communications and Signal Processing)	Room 713 v.rodriguez-gonzalez@imperial.ac.uk			
Raluca Reynolds Senior Research Group Administrator (Control and Power)	Room 1112 raluca.reynolds@imperial.ac.uk			
Francesca Atkinson  Senior Research Group  Administrator (Control and Power)	Room 1112 f.atkinson@imperial.ac.uk			
Joan O'Brien Senior Research Group Administrator (Intelligent Systems and Networks)	Room 1002 j.obrien@imperial.ac.uk			



## **Departmental Information**

Main page: <a href="http://www.imperial.ac.uk/electrical-engineering">http://www.imperial.ac.uk/electrical-engineering</a>

PhD Student A-Z page: <a href="https://www.imperial.ac.uk/electrical-engineering/study/current-students-course-handbook/a---z-phd/">https://www.imperial.ac.uk/electrical-engineering/study/current-students-course-handbook/a---z-phd/</a>

## **Departmental Induction**

Timetable for September 2025:

http://www.imperial.ac.uk/electrical-engineering/study/new-students/

# **Department Resources (e.g. funding for conferences)**

#### **Publications and Conferences**

During your research work you will probably be asked to contribute to the research group's research publications. These are the written record of your research and the work of the Research Group as a whole. Publications are also how you and the research output of the Department is judged on the world stage. Sometimes this is by presenting your research paper at a Conference (often in a sunny and/or exotic location) in front of an international audience or alternatively, your paper may be submitted for publication to a specialist journal. Your supervisor will normally be able to fund your attendance at important conferences - particularly those at which you will be presenting a paper. Your paper may be co-authored by your supervisor and other research colleagues, but it is a requirement that all co-authors should have made a significant intellectual or practical contribution to the published work.

#### **PhD Student Travel**

The Department is very keen to encourage you in your research and particularly to disseminate your results widely. Attending a conference is an ideal way in which to gain a broad understanding of research activity in your area and to both learn from and contribute to the body of scientific knowledge.

Accordingly, the Department offers a **travel allowance** for self-funded students to attend a suitable conference, preferably during the first year of your PhD programme. You should discuss with your supervisor which conference would be appropriate for you to attend and at which you may be able to present some of your own work. **Payment of the allowance will be by reimbursement of expenses (expense claim form) which must be fully supported by receipts up to the stated amount and submitted to your Senior Research Group Administrator (SRGA) for approval.** 

Before going to a conference or meeting outside the University, please ensure you have sought agreement from your supervisor and informed your Senior Research Group Administrator (SRGA) of your travel plans. Your SRGA will be able to advise you of any action you may need to take regarding emergency contact information, health advice and clearance, travel insurance registration (with the University), security issues and any need for a risk assessment.

Further information can be found at <a href="https://www.imperial.ac.uk/safety/safety-by-topic/off-site-working/">https://www.imperial.ac.uk/safety/safety-by-topic/off-site-working/</a>

## **Processing your Expenses Claims**

It is important that you familiarise yourself with Imperial's <u>Expenses Policy</u>. After you have incurred an expense, your claim should be submitted as soon as possible to your department. Unless otherwise stated by your department, all claims should be submitted within 3 months but not later than 6 months. If your claim is submitted beyond 6 months, it is likely to be rejected and you will not be reimbursed.

## **Graduate Teaching Assistants (GTAs)**

As a valued member of the Department, and in addition to your research activities, you are encouraged to broaden your experience and develop further skills by acting as a Graduate Teaching Assistant (GTA). There are various roles offered within the department such as demonstrating, mathematics tutoring, assistant teaching and marking. Initially, you will be required to participate in a training programme which will lead to the award of a Faculty of Engineering endorsed certificate. GTAs can claim payment for undertaking teaching support duties.

Information on working as a GTA in the Department is available here: https://www.imperial.ac.uk/engineering/staff/education-and-teaching-support/gta-training/

#### **Computers**

As a registered student, you will have access to all necessary experimental apparatus and facilities located within the research group.

You will need to cover any costs associated with the requirement for access to a computer, webcam and to a reliable internet connection as you carry out your PhD research remotely.

ICT print service: <a href="http://www.imperial.ac.uk/ict/printservice">http://www.imperial.ac.uk/ict/printservice</a>

#### **Professional Skills**

All doctoral students are expected to achieve a minimum of four Early Career Researcher Institute (ECRI) professional skills credits and to complete the compulsory online plagiarism awareness course as follows:

- By the Early-Stage Assessment (ESA) two credits plus the plagiarism awareness online course
- By the Late-Stage Review (LSR) a further two credits

The ECRI's Professional Development attendance requirement exists to ensure that all students receive a broad range of skills development training while at Imperial and the opportunity to engage with students from outside their department.

See the ECRI's website for details:

https://www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/see-allcourses/

## **Research Approvals**

Ethical approval is needed for any research that involves human participants; their tissue and /or data to ensure that the dignity, rights, safety and well-being of all participants are the primary consideration of the research project.



https://www.imperial.ac.uk/research-ethics-committee/what-is-ethics-/do-i-need-to-apply-forethical-approval-for-my-research-proposal/

## **English Language Requirement**

If you are not a native English speaker you must meet the university's English language requirements. See the Admissions website for details:



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

#### **Attendance and Absence**

You must inform your supervisor if you are absent from the university for more than three days . If the absence is due to illness you must produce a medical certificate after seven consecutive days. You should also contact your supervisor for support and guidance if your research is being impacted by personal circumstances. This may include making a submission deadline extension request.

Postgraduate Research students undertaking taught elements of a doctoral programme of study should also refer to the Mitigating Circumstances Policy and Procedure:



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

Your attendance will be monitored via meetings with your supervisor - you must log your attendance or absence in the attendance app. This is reviewed and verified by your PhD supervisor. You should have at least one meeting/catch-up per month with your supervisor, which will be monitored until the date of your thesis submission. This applies to students who are full-time, part-time, writing-up or

away from the university, on a placement, or on external study leave for research purposes. For parttime students, it is acknowledged that supervision meetings may be clustered around certain dates when students are expected to be in attendance.

The Registry will be informed of all student non-attendances as the university is obliged to report the non-attendance of students on Student Route visas to the Home Office. This is to ensure that the university meets its legal requirements under the UKVI Student Visa sponsorship scheme.

If you do not engage satisfactorily with your studies, Imperial will consider what action is necessary to support your continued study under the Unsatisfactory Engagement Policy and Procedure.

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

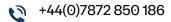
## **Health and Safety Information**

Keeping you safe is a top priority for us. The Imperial Health and Safety Statement can be found at:

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

#### **Zia Rahman**

Room 302, Level 3, Department of Electrical and Electronic Engineering



z.rahman@imperial.ac.uk

development website.

You will be required to complete inductions and attend training sessions to safely complete your PhD. These include:

• Risk Assessment Foundation Training (RAFT) online course
All students are required to complete this mandatory online training, accessed through staff

https://www.imperial.ac.uk/safety/training/safety-courses/risk-assessment-foundation-training-raft-e-learning/

 Any other safety induction will be done with the Laboratory staff as and when you join a research group.

There is also a wide range of <u>eLearning micro-learning modules</u> focused on specialised topics and designed to raise awareness of hazards and control measures for working safely in hazardous areas (i.e., laboratories and workshops) across the university.

#### **Imperial 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 Imperial's activities range from the use of hazardous materials (biological agents, chemicals, cryogens, gases and ionising/non-ionising radiation) to field work, heavy or awkward lifting, driving, and working alone or late.

All of Imperial's 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 university 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:



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.

#### **Zia Rahman**



Room 302, Level 3, Department of Electrical and Electronic Engineering



z.rahman@imperial.ac.uk

# **Occupational Health requirements**

Imperial's 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 university is respected, protected and improved whilst at work.

www.imperial.ac.uk/occupational-health

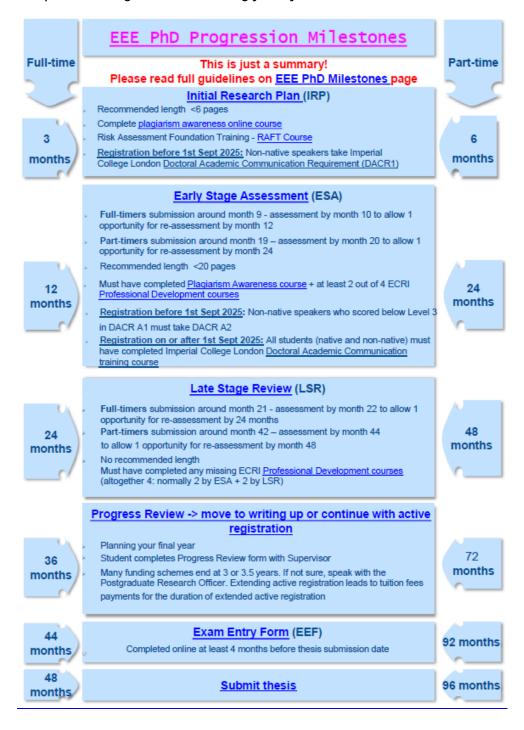
## 4. Doctoral Milestones and Progress Reports

www.imperial.ac.uk/about/governance/academic-governance/academic-policy/research-programmes/

Assessment (ESA), Late Stage Review (LSR) and final viva will take place in person and on campus.

#### **PhD Milestones Flowchart**

The flowchart below is a snapshot of PhD student progression. You will find it on the EEE Current Student A-Z page. Digitalization of Postgraduate milestones has started in Aug 2020 and gradually the process outlined below will move to MyImperial. Departmental webpages will be updated with guidance accordingly and you will be informed of this via email.



#### 0-3 months (full-timers) / 0-6 months (part-timers)

#### The Imperial Doctoral Academic Communication Requirement (DACR)

As a doctoral student, you will be contributing to the formation of knowledge in a fast-moving field by communicating new, complex content to diverse, anonymous, often interdisciplinary audiences. You might be transitioning from your Master's into research communication, or you may have been in industry or out of academia for many years. Even if you have been actively communicating your research, you may need to develop higher-order communicative and linguistic competence to meet Imperial doctoral expectations and fulfil your ambitions as a researcher.

To support this, the university has set up the <u>Doctoral Academic Communication Requirement</u> (<u>DACR</u>) so that all new doctoral students receive communication training and feedback as early as possible in their doctoral programme.

Students are recommended to complete the short online training course in the first 3 months of their doctoral programme so that they can benefit from the follow-on resources and recommendations. At the latest, the training must be completed by the university's Early Stage Assessment (ESA) milestone: 12 months for full-time students; 24 months for part-time students

www.imperial.ac.uk/academic-english/current-students/doctoral/academic-communication-requirement/

#### **Further English language support**

The Centre for Academic English provides free in-sessional English courses for international students while they are studying. These include classes and workshops on academic language, social language, the four skills of reading, writing, listening and speaking, 1-1 consultations with a tutor to work on a piece of academic writing or an oral presentation, self-study resources in the VLE Blackboard, and the Conversation Project, which partners students with a native-speaker volunteer to practise social and conversational English.

www.imperial.ac.uk/academic-english

#### **RAFT online course**

Risk Assessment Foundation Training (RAFT): All students are required to complete this mandatory online training, accessed through staff development website.

https://www.imperial.ac.uk/staff-development/safety-training/safety-courses/risk-assessment-foundation-training-raft/

#### **Professional Development by the Early Career Researcher Institute (ECRI)**

All doctoral students are expected to complete at least four Professional Development courses as part of their doctoral degree registration. The ECRI's Professional Development attendance requirement exists in order to ensure that all students receive some professional development training while at Imperial and have the opportunity to engage with the programme, alongside their research work.

See the ECRI website for details:

https://www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/see-all-courses/

#### Plagiarism Awareness for Doctoral Students - (Mandatory Online Course)

When studying for a research degree it is your responsibility to conduct research and disseminate research results in an honest and ethical manner. All research you carry out must be original and all reports and manuscripts you produce must be your own work with correctly cited references included where appropriate.

To provide help and support with understanding what is and isn't plagiarism the Early Career Researcher Institute (ECRI) and the Library have developed an online training course which you must complete during your first months as it is a condition to approve your <u>ESA</u>.

• Plagiarism Awareness for Doctoral Students - Access to online course

If you have any doubts or need advice regarding plagiarism or how to avoid it, you can contact <u>your</u> <u>department's Liaison Librarian</u>.

The Library also has the <u>Plagiarism awareness for researchers</u> webpages, where you can find all essential information.

www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/registry/academic-governance/public/academic-policy/research-degreeexaminations/Plagiarism-issues-in-theses.pdf

#### **Recommended taught courses**

Students are normally required to take relevant lecture courses during their first year, as determined by their supervisor, and to pass the courses' examinations where appropriate. If you are undertaking any taught modules and examinations, please inform Kate Farrar – <a href="mailto:k.farrar@imperial.ac.uk">k.farrar@imperial.ac.uk</a> – EEE Education Support Officer, as soon as possible.

You will find the full list of Programme and Modules on webpage below: http://intranet.ee.ic.ac.uk/electricalengineering/eecourses\_t4/index.asp

#### Early Stage Assessment (ESA): 10 months (full-timers) / 20 months (part-timers)

The university requires that a student's PhD research potential be assessed by an examination held by the end of the 12th month (24th months for part-time students) after the date of initial registration. However, the 12 (FT) / 24 (PT) month deadline also includes 1 re-assessment opportunity which should be done within 2 months if first ESA was failed.

Therefore, suggested 1st assessment deadlines are at 10 (FT) & 20 (PT) months. You can find final ESA date on My.Imperial.ac.uk under Postgraduate Research milestones tab.

#### **Purpose of the Report**

This report aims to provide new research students with an early and significant milestone by which they can measure their progress in the PhD and towards which their efforts can be focused.

The report also gives the supervisor the opportunity to obtain a clear picture of the student's abilities – in terms of intellectual level, analytical and practical skills, and technical writing – and the student's aptitude for research.

Based on the assessment of the report, a student's suitability to continue on the programme will be determined and, if needed, action will be taken to address any skills that need improvement or refocusing.

Last, but not least, the report provides a mechanism to document the first period of research and provide practice for technical report writing in a way which helps to prepare students for writing their thesis later in the programme.

#### **Format of the Report**

The report must not exceed 20 pages in length and may be prepared in any reasonable format that is acceptable to the supervisor. Many students find LaTeX or LyX to be well suited to their task of technical writing and these tools are especially helpful for managing references and mathematics.

#### **Content of the Report**

The report should be helpful to the student in crystallising their thoughts and targeting their efforts in one or more direction of high potential value for a PhD thesis. The content of the report will vary according to the topic and the nature of the research to factor in, for example, a balance between theoretical and practical content appropriate to the student's particular research project. All reports will be assessed against the following criteria:

#### The Early Stage Assessment report should

- · set out the main research aims
- include a literature survey
- demonstrate an understanding of the research topic(s)
- demonstrate broad awareness of activity in the research field by setting the research in context
- demonstrate technical aptitude appropriate to the PhD programme by presenting technical concepts and preliminary research work
- include a research plan in the form of a list of expected original contributions, research tasks, milestones and a realistic schedule

#### **Expected Level of Detail and Depth**

The level of technical detail and depth is expected to be at or exceeding the level of a masters (MSc) dissertation. The report needs to be concise with an appropriate balance of breadth, which is often achieved in the parts of the report associated with review of the literature, and depth, which is often achieved in the parts of the report associated with the student's own research activity.

#### **Expected Level of Originality**

There is no requirement for original contribution in the Early Stage Assessment report. However, students should highlight and justify the topic area(s) in which they expect to contribute original scientific and engineering research outcomes, and these should be listed explicitly in the research plan.

#### A Note on Plagiarism

All written work must adhere to proper scientific practice and, in particular, the <u>university's</u> rules on plagiarism that are published separately.

Imperial requires you to submit a copy of your ESA report to Turnitin (via Blackboard), for an originality check before your ESA assessment. The ESA assessors will check your report on Turnitin before the ESA assessment takes place.

You will need to:

- Login to Blackboard through the course name **'ESA Assignment Submission Dept.** of Electrical and Electronic Engineering'
- Submit your ESA report on Blackboard via the 'ESA Assignment Submission area'.

Please see the 'Student Guidance' tab on the left-hand panel of the Blackboard page, for stepby-step instructions to submit your ESA report on Blackboard via Turnitin.

Once you have submitted your ESA report on Blackboard via Turnitin, you will need to save your ESA report (with your originality report) as a PDF file, and then email it to your ESA supervisor and assessors.

#### **Submission Procedure**

The submission is completed by email as per instructed in the ESA form (see guidance on the EEE PhD Milestones Guidelines page). Please note that the milestone can only be marked as completed once you have passed the assessment.

To give your supervisor enough time to arrange an assessment date within the recommended timeline, aim at submitting it no later than the end of the 9<sup>th</sup> month for full-timers (19<sup>th</sup> month for part-timers).

From time to time, special circumstances arise which justify an extension to the deadlines for the programme. Students are encouraged to inform their SRGA at the earliest possible moment if their work has been affected by any such circumstances.

#### **Assessment Procedure**

The student will be examined orally on the contents of their report.

The assessment panel will include two assessors – at least one independent member of academic staff in addition to/other than the supervisor(s); the supervisor can be the second

assessor. The assessors will be chosen appropriately to judge the technical aspects of the research as well as the student's research methodology impartially.

The student may also be required to pass appropriate written examinations as specified at the start of their programme by their supervisor (e.g.: a module from a taught course offered to master's students).

Students must have completed at least two Early Career Researcher Institute (ECRI) professional development courses and the plagiarism awareness course to pass the Early-Stage Assessment. Student should also have completed the mandatory Doctoral Academic Communication Requirement.

The outcome of the assessment will be one of:

- a) Confirmation of the student's continuing registration for PhD
- b) Transfer of the student's registration to MPhil
- c) The student is required to withdraw from the university and will not be permitted to continue their registration on the programme

In cases b) or c), the student may, at the discretion of the assessment panel, resit the examination once provided that any such resit is completed by 2 months (full-timers) after the first assessment (4 months for part-timers).

You will find regulatory ESA guidance on the university's governance webpage below:

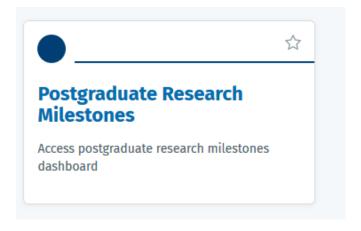
<u>www.imperial.ac.uk/about/governance/academic-governance/academicpolicy/research-programmes/</u>

Imperial's requirement for all ESAs to be submitted to Turnitin:

https://www.imperial.ac.uk/early-career-researcher-institute/who-we-support/research-degree-students/turnitin-guidance-for-students/

#### Late Stage Review (LSR) 22 months (full-timers) / 44 months (part-timers)

The university requires that a review of a student's PhD research ability must be undertaken no later than 24 months (48 months for part-time) after the date of initial registration, which may include one opportunity for re-assessment. Therefore, it is advised that the first assessment attempt takes place by the 22<sup>nd</sup> month (44<sup>th</sup> month for part-time students). You can find the final assessment date on My.Imperial.ac.uk. page under Postgraduate Research milestones tab.



#### **Purpose of the Report**

This report and presentation aim to provide research students with a significant milestone by which they can measure their progress in the PhD and towards which their efforts can be focused.

The report also gives the supervisor the opportunity to obtain a clear picture of the student's progress towards the final PhD thesis, both in terms of the original research achieved to date and in terms of the quality of technical writing.

Based on the assessment of the report, a student's suitability to continue on the programme will be determined and, if needed, action will be taken to address any skills that need improvement or refocusing.

#### **Format of the Report**

There is no prescription as to the length of your LSR report. The report may be prepared in any reasonable format that is acceptable to the supervisor. Many students find LaTeX (or LyX) to be well suited to their task of technical writing and these tools are especially helpful for managing references and mathematics.

#### **Content of the Report**

The report should contain:

- a contents page for the complete thesis
- a statement of expected original contributions,
- an assessment of the research achievements so far and
- a work plan and schedule for completion of the thesis.

#### **Expected Level of Detail and Depth**

The level of technical detail and depth is expected to be at or close to the level of the PhD thesis in at least some areas. In many cases, this report can contain drafts of the thesis Introduction and Literature Review chapters.

#### **Expected Level of Originality**

The expected original contribution of the thesis should be described with sufficient level of detail and supporting work to put forward a convincing thesis proposal.

#### A Note on Plagiarism

All written work must adhere to proper scientific practice and, in particular, the <u>Imperial's rules</u> on <u>plagiarism</u> that are published separately. Reports submitted are routinely checked for plagiarism.

#### **Submission Procedure**

The submission is done by email as per instructed in the LSR form (found on the <u>EEE PhD</u> <u>Milestones Guidelines</u> page).

Please note that the milestone can only be marked as completed once you have passed the assessment.

To give your supervisor enough time to arrange an assessment date within the recommended timeline, aim at submitting it no later than the 22<sup>nd</sup> month (44<sup>th</sup> month for part-time students).

From time to time, special circumstances arise which justify an extension to the deadlines for the programme. Students are encouraged to inform their Senior Research Group Administrator (SRGA) at the earliest possible moment if their work has been affected by any such circumstances.

#### **Assessment Procedure**

The student will be examined orally on the contents of their report.

The assessment panel will include an independent assessor from the academic staff of the university. The assessor will be chosen appropriately to judge the technical aspects of the research as well as the student's research methodology impartially.

#### Additional requirements of this assessment are:

- satisfactory completion of any recommended English language training, from the <u>Centre for Academic English</u>
- completion of an additional two ECRI <u>professional development courses</u> (a total of four courses must be completed by LSR, this includes any other courses already taken at the ESA)

#### **Format of the Presentation**

The presentation is typically of 30 mins duration, but this may be varied by agreement with the supervisor and will normally be attended by colleagues and co-workers. It should present the new research undertaken so far – as if at a conference – and the research plan to complete the thesis. The presentation is organised by the supervisor.

The outcome of the examination will be one of the below:

- a) confirmation of the student's continuing registration for PhD or
- b) transfer of the student's registration to MPhil or
- c) student is required to withdraw from the university

In cases b) or c), the student may, at the discretion of the assessment panel, resit the examination one time provided that any such resit is completed within 2 months of the first attempt.

You will find further LSR guidance on the university's governance webpage below:



www.imperial.ac.uk/about/governance/academic-governance/academic-policy/research-programmes/

#### **Completing Research Status (CRS)**

The Initial registration period for PhDs is three years (36 months) for full-time students and six years (72 months) for part-timers. By that point, students must review their progress with their supervisor and plan their final year.

Progress review will be conducted with your supervisor, and, providing all experimental work and collection of material relating to your thesis is complete, you will be able to enter the writing up period. Students in the writing up stage will no longer be required to pay tuition fees.

#### **Submission Procedure**

The submission is completed by email as per instructed in the Progress Review form (see guidance on the <u>EEE PhD Milestones Guidelines page</u>). Please note that the milestone can only be marked as completed once you have completed both ESA and LSR.

The writing-up period is capped at a maximum of twelve months in duration for full-time students, and twenty-four months for part-time students. At the end of the writing up stage, you are required to submit your thesis.

The <u>Thesis Deadline Extension</u> procedure is available to students whose progress towards the final thesis submission deadline has been affected by circumstances beyond their control. The thesis extension request form should be submitted to <u>eeepgoffice@imperial.ac.uk</u> at least one month before the thesis submission deadline (except in exceptional circumstances) to allow time for this to go through the necessary approval stages ahead of the original deadline. Students should discuss and agree an appropriate extension length with their supervisor. For advice, please speak with the Postgraduate Research Officer.

A student who still has experimental or data collection work to perform at this stage cannot move into writing up status. Students in this position will have their active research period extended and will be liable for full fees for the additional period. An extension to the active research period will not result in an extension to the thesis submission deadline; in such cases, the writing up allowance will be reduced.

You can read the full writing-up policy by downloading the PDF available <u>Governance</u> webpages

Most funding schemes end at 3 or 3.5 years. If you are not sure, please speak with the Postgraduate Research Officer.

A useful free-service for you to explore:

 <u>Center for Academic English</u> - they offer academic writing support for researchers; native speakers might also benefit from their courses on advanced academic writing, writing a research paper and global postgraduate retreat for thesis writing.

Plagiarism in Theses Guidance is also a helpful document:

www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/research-degree-examinations/Plagiarism-issues-in-theses.pdf

## 5. Academic Support

## **Departmental Support and Faculty Senior Tutors**

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 here. This includes:

#### **Senior Tutor (PGR)**

The Department's Senior Tutor (PGR) can offer pastoral support and advice. You can arrange to have a meeting with them at any time – what you discuss will be completely confidential.

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

#### **Personal Tutor**

You will also be assigned a personal tutor, who is an academic outside your research group. You are advised to meet them at least once a year, more if necessary. The aim of these meetings should be to exchange experiences and challenges in an enabling and supportive environment, other than to talk about a specific research topic itself.

- Personal Tutors are enablers, who have been where you are now, and may provide advice on how to improve your PhD experience.
- It is important for the students to trust their Personal Tutor and for students to feel confident to share issues they might be facing. The tutor might be able to advise and prevent issues from becoming problems.
- Conversations are strictly confidential.
- Personal Tutors will only take actions with the student's consent, and students can rest
  assured that safeguarding measures will be put in place.

#### **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. Information about the role of academic representatives, and instructions on how to become one, are available on the Imperial College Union website.

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

This is an opportunity to make your feelings and views heard, through you student representative. The PGR Committee consists of student representatives from each research group, the Director of Postgraduate Studies, the Senior Postgraduate Tutor, the Postgraduate Research Officer and PG Administrator, and the EEE Liaison Librarian. The committee meets on a termly basis. Issues that have been discussed at previous meetings include postgraduate training, introduction of new university regulations, provision of a postgraduate common room and social opportunities.

It is very important that the Department understands the views of its postgraduate community so please try to take an active part in this process.

## **6.** Examination Procedures

reports for research degrees:

## **My Imperial - Postgraduate Research Milestones**

You will be able to upload and submit your exam entry form, thesis declaration form and thesis, as well as view up-to-date information about your Early-Stage Assessment, Late-Stage Review and Viva Examination milestone status.

You will receive email notification when online access to Postgraduate Research Milestones is available to you. Access is via My Imperial using your Imperial single sign-on. www.my.imperial.ac.uk/ There is a step-by-step guidance to the Examination Entry form process and Thesis Submission process is available online at: www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/registry/student-systems/student-records/student-journey/PGR-Manual---Students.pdf Viva Once you have submitted your thesis, the Registry will ensure that copies are provided to your examiners, in advance of your viva examination. Your supervisor, or another member of staff in your department/division, will be responsible for organising the viva and making all the necessary arrangements. When your viva has taken place, you will be informed of the outcome. Please find linked here under the Examiner Reports for Research Programmes section the thesis examiners' form so that you are aware of what is expected of the thesis: www.imperial.ac.uk/about/governance/academic-governance/academic-policy/externalexamining/ Please read the Success Guide for postgraduate research students for more advice on preparing for your viva: www.imperial.ac.uk/students/success-guide/pgr/progressing-through-your-phd-/mainstages-of-the-phd/the-viva/

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

You can also find out more about how your examiners will assess your thesis by reading the examiner

## **E-theses: Requesting an Embargo**

In some cases, it may be necessary to delay the release of a thesis to the public by applying for an embargo.

If you decide that your thesis should have an embargo, discuss this with your supervisor and tick the appropriate box on the Thesis declaration form:

www.imperial.ac.uk/media/imperial-college/research-and-innovation/scholarly-communication/public/thesis-declaration-form.pdf

Reasons for requesting an embargo include:

- You plan to publish your thesis
- To avoid invalidating a potential patent application, see Intellectual Property:
   <a href="https://www.imperial.ac.uk/research-and-innovation/research-office/research-policies/research-related-policies/ip-policy-college-login/">https://www.imperial.ac.uk/research-and-innovation/research-office/research-policies/research-related-policies/ip-policy-college-login/</a>
- It contains commercially sensitive research or research with confidentiality obligations
- It contains information collected under the promise of confidentiality and anonymity e.g. patient information
- It shows evidence of animal experimentation and release to the public would pose a significant risk to the researchers involved or to Imperial staff and students
- It contains information of significance for national security

For further information please contact the Assessment Records team at assessment.records@imperial.ac.uk

www.imperial.ac.uk/research-and-innovation/support-for-staff/scholarly-communication/open-access/theses/requesting-an-embargo/

## **Plagiarism**

Plagiarism is the presentation of another person's thoughts, words or images and diagrams as though they were your own. Plagiarism can be intentional or unintentional but must be avoided at all times.

When studying for a research degree (and as you continue in your research career) it is your responsibility to conduct and disseminate research results in an honest and ethical matter. When you prepare your Early-Stage Assessment, Late-Stage Review, or final thesis, as well as other publications and presentations throughout your studies, it is essential to avoid plagiarism.

www.imperial.ac.uk/students/success-guide/pgr/developing-your-skills/practicing-open-research/plagiarism-/

More information about plagiarism awareness for postgraduate research students is available on the Library Services website:

www.imperial.ac.uk/library/research-support/plagiarism-awareness-for-researchers

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. You will be expected to run your Early-Stage Assessment through the Turnitin software your department will be able to give you further information about this process.



www.imperial.ac.uk/early-career-researcher-institute/who-we-support/researchdegree-students/turnitin-guidance-for-students/

The Early Career Researcher Institute (ECRI), in conjunction with the Library, has developed a mandatory online plagiarism awareness course which needs to be completed before your Early-Stage Assessment. It aims to equip Imperial research students with a working knowledge of the concept of plagiarism and how to avoid it. This enables students to use and share information ethically, with academic integrity.



www.imperial.ac.uk/early-career-researcher-institute/learning-anddevelopment/courses-by-programme/research-integrity-ethics-andsustainability/plagiarism-awareness-doctoral-students/

#### **Collusion**

This is the term used for work that has been conducted by more than one individual, where this has not been permitted in 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 university 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.

# **Dishonest practice**

This is the most serious category under the procedure. Examples of dishonest practice include bribery, contact cheating (purchasing an essay or other materials from other sources, (which is illegal in the UK) or other individual to submit as your own, 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.

## **Research Misconduct**

Research Misconduct can be characterised as behaviours or actions that fall short of the standards of ethics, research and scholarship required to ensure that the integrity of research is upheld. It can cause harm to people and the environment, wastes resources, undermines the research record and damages the credibility of research.

Regardless of discipline and institution, the fundamental factor in ensuring the quality of research and research practices has to be the honesty of the individual investigator. Investigators should be honest with respect to their own work, which means subscribing to proper scientific practices such as acknowledging the contributions of colleagues or collaborators, ensuring veracity of data, and

acting with integrity in the depiction of results and conclusions. However, investigators are also expected to be honest in relation to the work of their colleagues and peers. Colluding in, or concealing, the misconduct of others is not compatible with an environment which encourages intellectual honesty and is, therefore, in itself misconduct.

Imperial's policy on, and procedures for, the investigation of allegations of research misconduct can be accessed here: www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/secretariat/new-library-may-24/Annexes-to-Appendix-to-Ordinances-(Staff)(13-December-2023).pdf www.imperial.ac.uk/research-and-innovation/about-imperial-research/ Enquiries about the operation of these procedures, or about potential cases of misconduct should be addressed to Jonathan Hancock, Research Integrity Officer: Jonathan.hancock@imperial.ac.uk Where a student completes taught module(s) as part of their research programme, they will also be subject to the Academic Misconduct procedures: www.imperial.ac.uk/about/governance/academic-governance/academic-policy/exams-andassessment/ **University Policies and Procedures Academic Regulations** All registered postgraduate research students of Imperial are subject to the university Terms and Conditions as well as the Academic Regulations that apply to your degree. If your PhD programme is divided into a 1 year Masters followed by 3 years of research, please note that the Masters year will be governed by the relevant taught academic regulations of the institution making the award (in most cases this will be Imperial but in some Centres for Doctoral Training this may be a partner institution in the consortium so please check with your programme team if you are unsure). The subsequent research (PhD/EngD) period will be governed by the relevant PhD or EngD academic regulations of Imperial.

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

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

# **Unsatisfactory Engagement**

Unfortunately, for a variety of reasons, sometimes students struggle to meet the university's expectations with regards to their engagement with their studies. Imperial has a process to identify and support students by reaffirming these expectations with an action plan. If a student does not engage 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/regulations
	www.imperial.ac.uk/about/governance/academic-governance/academic-policy/complaints-appeals-and-discipline
HITI	ness to Study
-	erial expects students to participate within the university community, such as by fully engaging

Imperial expects students to participate within the university community, such as by fully engaging and studying to the academic level required and working and living cooperatively. If there are concerns that a student is unable to engage as expected, due to an underlying physical and/or mental health difficulty, the university has a process to ensure that decisions about a students' ability to study are made through a supportive, timely and transparent process which operates in the best interests of the student:

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

# **Academic and Research Integrity**

You are expected to conduct all aspects of your academic life in a professional manner. A full explanation of academic integrity, including information on Imperial's approach to plagiarism is available on the university website:

www.imperial.ac.uk/research-and-innovation/research-office/research-governance-and-integrity/research-integrity/what-is-research-integrity/
www.imperial.ac.uk/media/imperial-college/administration-and-support- services/registry/academic-governance/public/academic-policy/academic- integrity/Examination-and-assessmentsacademic-integrity.pdf

### **Research Integrity**

Research integrity is about your research practices, how you present the findings of your research and how your research impacts on society and the wider world. At Imperial College London, you will work with internationally renowned academic staff who will guide you to design rigorous, robust, and reproducible research methods. This will ensure that your research is lawful and that any adverse impact your research may have on society, natural environment, or animals is justified and minimised. Research integrity is also about presenting the findings of your research in a responsible manner.

Imperial has adopted the Council for Science and Technology's Universal Ethical Code for Scientists and upholds its three principles, which are:

- Rigour, Honesty and Integrity
- Respect for Life, the Law and the Public Good
- Responsible Communications: Listening and Informing

The primary way to ensure research integrity is to promote and maintain a culture of honesty, openness and responsibility.

To support these principles, the Early Career Researcher Institute provides the training courses below, all accessible from its website.

•	Plagiarism Awareness, mandatory training to be completed by the Early-Stage Assessment (ESA)
	www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/courses-by-programme/research-integrity-ethics-and-sustainability/plagiarism-awareness-doctoral-students/
	This online course was developed by the Early Career Researcher Institute, in conjunction with the Library. It aims to equip you with a working knowledge of the concept of plagiarism and how to avoid it. It also aims to provide you with information to enable you to use and share information ethically, with academic integrity and in accordance with Imperial's Academic Integrity Policy:
	www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/academic-integrity/Examination-and-assessmentsacademic-integrity.pdf
	Imperial also requires doctoral students to submit their ESA through Turnitin. See dedicated student guidance here:
	www.imperial.ac.uk/early-career-researcher-institute/who-we-support/research-degree-students/turnitin-guidance-for-students/
	To accompany this, there is useful information about Plagiarism Issues in Theses which students are encouraged to read:
	www.imperial.ac.uk/media/imperial-college/administration-and-support-services/registry/academic-governance/public/academic-policy/research-degree-examinations/Plagiarism-issues-in-theses.pdf
•	Copyright

This course aims to convey copyright essentials to Imperial PhD students. It is focused on UK law only. The structure of the course reflects your research lifecycle and aims to provide clarity on copyright issues you will encounter at each of the stages of the lifecycle. This course will equip you with a working knowledge of copyright and licensing so that in your career as a researcher you use and can share information in a copyright safe way.

www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/courses-by-programme/research-integrity-ethics-and-sustainability/copyright-for-researchers-online-course/

### • Intellectual Property

This course aims to equip you with a working knowledge of the concept of Intellectual Property (IP), and an awareness and understanding of the basic principles surrounding IP rights, such as patents, copyright, design rights, and other forms of IP. An understanding of

IP and its application is important for all students; for those intending to continue in academia as well as those intending to enter the commercial world after graduation: www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/coursesby-programme/research-impact-and-knowledge-exchange/intellectual-property-onlinecourse/ **Publishing Open Access: Your Research and Thesis** This workshop provides an insight into preparing your thesis to be made Open Access (OA) and the benefits of open access more generally. This workshop will provide you with a general introduction to the topic, with specific reference to your PhD thesis, and related research outputs that may arise from PhD study. www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/coursesby-programme/research-impact-and-knowledge-exchange/publishing-open-access-yourresearch-and-thesis/ **Research Data Management** Data is a key research asset, underpinning almost all published research conclusions. In recent years, new technology has enabled us to: 1. Generate and record far more data than ever before; and 2. Share, reuse and combine that data in new ways to generate new insights. Research data is increasingly a first-class research output, and a little bit of planning will enable you to take advantage of this shift. This course will highlight the key considerations for students and researchers to help them assess when it is appropriate to share your data and how, and how to write a data management plan. www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/coursesby-programme/research-management/introduction-to-research-data-management/ **Research Data Management Plans** Research data is a key research asset and planning how to manage data outputs is increasingly becoming a requirement of applying for grants and funding. Having a data management plan will help you manage costs and responsibilities, keep your data safe and secure during the project and prepare your data for archiving and (where appropriate) sharing at the end of the project. This webinar will introduce you to the online data management planning tool DMPonline and cover some of the more practical elements of creating a data management plan. www.imperial.ac.uk/early-career-researcher-institute/learning-anddevelopment/courses-by-programme/research-management/writing-a-datamanagement-plan/The webinar is designed to accompany the Information Landscape:

**Science, Research and Integrity** 

recommended

The workshop is designed to give researchers a chance to explore and critically analyse the ethics of scientific research in a constructive way. We will critically discuss the structure and implications of specific cases of scientific fraud, and will also look at different moral theories

Data Management workshop. Prior attendance of that workshop is not mandatory but is

and how they might apply not only to specific moral dilemmas, but also to science in general. The session will aim to forearm you by providing a safe environment within which to formulate and articulate your views on how they might deal with the sorts of dilemmas you are likely to face during your careers..



<u>www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/c</u>oursesby-programme/research-integrity-ethics-and-sustainability/science-research-and-integrity/

### The San Francisco Declaration on Research Assessment (DORA)

Imperial has signed the San Francisco Declaration on Research Assessment (DORA). The ethos behind DORA is to improve the ways in which the output of scientific research is evaluated by funding agencies, academic institutions, and other parties. The outputs from scientific research are many and varied, including: research articles reporting new knowledge, data, reagents, and software; intellectual property; and highly trained young scientists. Funding agencies, institutions that employ scientists, and scientists themselves, all have a desire, and need, to assess the quality and impact of scientific outputs. It is thus imperative that scientific output is measured accurately and evaluated wisely.

As such the university has signalled that it will assess research based on quality rather than where it is published, for example journal impact factor. The Early Career Researcher Institute promotes the ethos behind DORA at the following professional development workshops:

- **Publications**
- Becoming an effective researcher
- Finish Up Move On retreat
- Understanding impact and how to achieve it
- Bibliometrics and academic impact
- Preprints and open peer review

#### **References:**

The San Francisco Declaration on Research Assessment DORA [accessed 14.06.23]: www.sfdora.org/

The UK Concordat to Support Research Integrity - Universities UK [accessed 14.06.23]: www.universitiesuk.ac.uk/policy-and-analysis/reports/Pages/the-concordat-for-researchintegrity.aspx#:~:text=Universities%20UK%2C%20together%20with%20signatories%20to%20the %20concordat,confidence%20in%20UK%20research%20and%20its%20worldleading%20researchers.

The Universal Ethical Code for Scientists [accessed 14.06.23]:

www.assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/ 283157/universal-ethical-code-

scientists.pdf#:~:text=The%20Universal%20Ethical%20Code%20for%20Scientists%20is%20a,thr ee%20main%20aims%3A%20%E2%80%A2%20to%20foster%20ethical%20research

The European Code of Conduct for Research Integrity - ALLEA (All European Academies) [accessed 14.06.23]:

www.allea.org/wp-content/uploads/2017/05/ALLEA-European-Code-of-Conduct-for-Research-Integrity-2017.pdf

### **Academic Appeals Procedures**

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 university, and that the decisions made at Early-Stage Assessment, Late-Stage Review or final thesis submission/viva 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

The <u>ICU Advice service</u> can help you with understanding this policy and supporting you through the process.

# **Student Complaints**

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

If you have any concerns about your experience at Imperial 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**

Imperial 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 the Student Code of Conduct has been committed. The general principles of the Student Disciplinary Procedure are available on the university website:

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

# Protecting our students from incidents of harassment and sexual misconduct

Imperial is committed to supporting students and preventing incidents of harassment and sexual misconduct.

Our dedicated website page outlines a range of information and resources, including:

- Information about what harassment and sexual misconduct is
- How to make a report
- What happens when you make a report
- Disciplinary procedures for staff and students
- Resources for advice and support

Visit www.imperial.ac.uk/students/preventing-harassment-and-sexual-misconduct/ for more information.

# **Copyright**

Copyright is an automatic right given to creators that allows them to control who copies, adapts, translates and makes public their work. Unless you have the copyright holder's permission, you cannot do these things unless permitted by law or licence.

can	not do these things unless permitted by law or licence.
	www.imperial.ac.uk/admin-services/library/learning-support/copyright-guidance/
The	Early Career Researcher Institute provides training on Copyright:
	www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/courses-by-programme/research-integrity-ethics-and-sustainability/copyright-for-researchers-online-course/

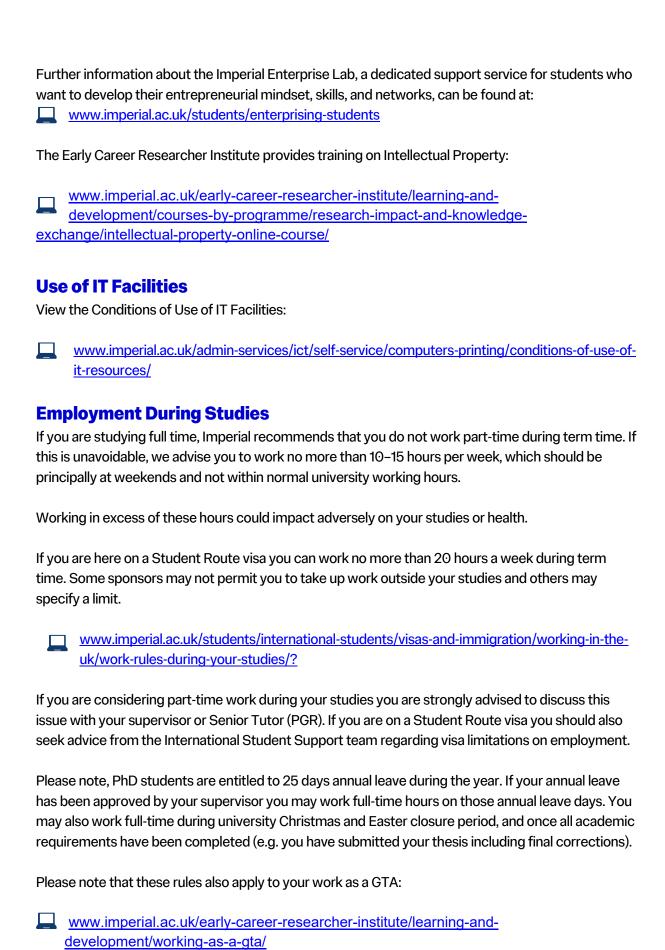
# **Intellectual Property Rights Policy**

Imperial's <u>Intellectual Property (IP) policy</u> governs the ownership and management of universities Intellectual Property and Imperial's discretionary Reward to Inventors Scheme.

Further guidance on the Imperial Intellectual Property Rights Policy is available on the university website:

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

Confidentiality is critical in research, especially when collaborating in shared laboratory spaces. Research students must protect sensitive information diligently to preserve trust, collaboration, and academic integrity. Your funding arrangements may also require that confidentiality is maintained. You should strictly protect sensitive, personal or research-related information. Confidential information must only be shared with authorised individuals. Breaching confidentiality is considered as misconduct with disciplinary consequences.



Imperial's processes will not normally consider as mitigating circumstances any negative impact that part-time work may have had on your performance in your examination or in other assessments.

Examinations or vivas cannot be rescheduled to accommodate your part-time working arrangements.

# **Study Leave**

If you plan to carry out research away from Imperial for a period of 2 weeks or more as part of your PhD student registration, your department can approve study leave using the External Study Leave form (which is then submitted by your department to the Student Records team for recording).

Study leave is normally pursued either as a placement under the supervision of a third-party organisation (placements are managed by your department and are subject to Imperial Placement Learning Policy and Good Practice under the university's overall off-site working protocols) or fieldwork managed by your department under off-site working protocols.

Requests must be submitted to <u>eeepgoffice@imperial.ac.uk</u> for departmental approval in advance of the planned study leave period.

Contact the Postgraduate Research Officer for further guidance if you and your supervisor wish to have study leave considered.

www.imperial.ac.uk/placements/information-for-imperial-college-students/ (note: if you are considering/planning a placement outside the UK you should also refer to the Placement Abroad Handbook available on this page)
www.imperial.ac.uk/student-records-and-data/for-current-students/research-degrees/administration/

### **Ethics**

Imperial has an overall Ethics code which sets out key behaviours which the university expects of all its members in order to facilitate a leading academic community which demonstrates integrity in all its activities, and which manages relationships with third parties appropriately. These behaviours include honesty, fairness and transparency. The Code is intended to provide a starting point to help members of the university identify and tackle ethical issues faced in the course of their activities. It also describes routes available for members of the Imperial community to escalate ethical concerns where appropriate.

www.imperial.ac.uk/research-ethics-committee

### **Good Research Conduct**

Imperial is committed to undertaking research of the highest international quality within an intellectually challenging and inspiring environment, to extending the frontiers of research within and beyond existing research disciplines, and to bringing together research expertise within and beyond the university to address the science challenges of today and the future. Imperial's achievements in research are underpinned by the quality and expertise of the individuals within it, and the pages in the link below define the standards of research governance and integrity essential to the university's reputation and success.

www.imperial.ac.uk/research-and-innovation/about-imperial-research/

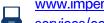
### Leave

### **Taking Annual Leave**

It is important to take a break from your research and Imperial has a PGR Annual Leave policy in place to support you.

Students should always agree their holiday arrangements with their Supervisor in advance, taking operational considerations into account. No more than 8 weeks, including public holidays, may be taken in each year. The Senior Research Group Administrator should be notified.

If you are funded, you should check the terms and conditions of your studentship which will set out your annual leave entitlement. If not sure, contact the Postgraduate Research Officer for advice. Unless otherwise stated in your terms and conditions, the university's position is that all research degree students, including international students with a Student Visa, are entitled to a minimum of 30 days to a maximum of 40 days per year (including public holidays and university closure days) of annual leave (pro rata for part-time students). This annual leave entitlement aligns with the UKRI's terms and conditions for training grants, student annual leave.



www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/ecri/public/research-degree-students/PGR-student-leave-policy.pdf

UKRI-funded students are entitled to four categories of leave: Family Leave, Medical Leave, Additional Leave and Annual Leave. You are not expected to study during leave absences. Full details on leave entitlements, including eligibility and possible studentship extensions, can be found in the UKRI Standard Terms and Conditions of Training Grants.

# **General Data Protection Regulation (GDPR)**

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

In line with the above please see the university's Privacy Notice for Students which form part of the Terms and Conditions of registration with Imperial.



www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/registry/academic-governance/public/academic-policy/admissions/Privacy-Noticefor-Students-and-Prospective-Students.pdf

#### Wellbeing, support and advice 8.

### **Your Union**

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

### Imperial College Union Advice Service

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

<u>www.imperialcollegeunion.org/advice</u>

### **Student representatives**

Imperial College Union operates two Representation Networks of 500+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 & Community Officers also work to make sure that the views of under-represented and interest groups are heard at Imperial. The student representatives are elected in one of ICUs election cycles that take place throughout the year so keep an eye out for your chance to get involved.

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

### **Officer Trustees**

The Union is led by a team of Officer Trustees who are elected every year by the students of Imperial. They work full time at the Union and either take up their role after their studies have concluded or take a year out of their studies to represent the voices of students in the Union, the university and the wider community.

The Officer Trustees represent students in a variety of roles, including Education, Welfare and <u>Activities</u>. These elected students are here to represent your views as a student body - do make sure you get in touch with them if there's something you would like to discuss or change.

# **Student Support Zone**

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

# **Departmental Support and Faculty Senior Tutors**

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 here. This includes:

### **Senior Tutor (PGR)**

The Department's Senior Tutor (PGR) 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.



Dr Imad Jaimoukha

Room 617, Level 6, Department of Electrical and Electronic Engineering 020 7594 6190 (Ext. 46190)



i.jaimouka@imperial.ac.uk

# **Coaching and Research Degree Mediation**

As well as professional development opportunities, the Early Career Researcher Institute has a dedicated coaching programme designed to help you through challenging times. The **coaching programme** has been established to provide an opportunity to talk, independently from your academic department, about challenges you may be experiencing during the course of your studies. The programme primarily focuses on building effective working relationships and there may be other self-development issues that you can explore with a trained coach.



www.imperial.ac.uk/early-career-researcher-institute/individual-support-and-wellbeing/coaching/coaching/

The Institute also provides support for students and supervisors who are finding their partnership difficult. The confidential and non-judgemental research degree mediation programme is designed to support students and supervisors to work through challenges they may be experiencing, to find ways to move forward and work together more effectively.

<u>www.imperial.ac.uk/early-career-researcher-institute/individual-support-and-wellbeing/mediation/</u>

### **Advice Services**

The tutor system is complemented by a university-wide network of advice and support. This includes a number of specialist services.

### **Careers Service**

The Careers Service has strong links to your Department and with a range of employers. You can access group workshops, presentations, networking sessions and individual one-to-one appointments. The Careers Services is based at the South Kensington Campus on Level 5, Sherfield Building however services are offered across our campuses and online to help facilitate access.

Visit the Career Service's website to:

- Find resources and advice on successful career planning
- Book on to workshops and events
- Book a careers appointment

www.imperial.ac.uk/careers
www.iiriperial.ac.uk/careers

### **Student Counselling and Mental Health**

The Student Counselling and Mental Health Advice Service offers short-term counselling to all registered students. The service is free and confidential. Counsellors are available at the South Kensington, Hammersmith and Silwood Park Campuses.

www.imperial.ac.uk/counselling

### **Financial support and tuition fees**

If you've got any questions about student financial support (loans, scholarships and research council studentships, US and Canadian loans) then contact the Student Financial Support team:



020 7594 9014



student.funding@imperial.ac.uk

If you suddenly find yourself in financial difficulties or experience an unexpected change in circumstances, you may be eligible to apply for emergency financial help through the Student Support Fund. The Fund offers a one-off payment of up to £2,000 to cover such emergencies as last-minute accommodation and travel necessities, equipment and childcare. It does not have to be repaid.

www.imperial.ac.uk/students/fees-and-funding/financial-assistance/student-support-fund/

For tuition fees queries, contact the Tuition Fees team:



020 7594 8011



tuition.fees@imperial.ac.uk

### **Imperial College Union Advice Service**

Imperial College Union runs the Advice Service independently of the university with advisers 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. Contact the <a href="ICU Advice">ICU Advice</a> <a href="Service">Service</a> and complete the registration form to speak with a member of the team.



www.imperialcollegeunion.org/advice

#### **Student Hub**

The Student Hub brings together information on many of Imperial's key administrative services in one easily accessible place. The staff in the Hub can provide general advice and information on a wide range of aspects of student life at Imperial, including your enrolment and student records (statement of registration for proof of your student status, transcripts and awards), fees and finance, accommodation and international student queries. If your query needs specialist guidance, the Hub team will sign-post you to other university student support services as appropriate.

The Hub are on hand to answer your questions in person (at our desks in South Kensington and White City), by email, phone or online through the ASK Student Hub service.

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Level 3, Sherfield Building, South Kensington Campus



020 7594 9444



student.hub@imperial.ac.uk



www.imperial.ac.uk/student-hub

### **Accommodation**

Information and guidance around private housing and private halls for PG students is available from the Student Accommodation Office. Online you can find a Private Housing Masterclass that guides you through each step of your private housing search. The team also hosts private housing events, pop-ups and contract-checking services.



Level 3, Sherfield Building, South Kensington Campus



020 7594 3300



accommodation@imperial.ac.uk



www.imperial.ac.uk/students/accommodation/prospective/pg/



www.imperial.ac.uk/students/accommodation/private-accommodation/

### **Health Services**

### **NHS Health Centre and finding a doctor**

Even if you're fit and healthy we recommend that you register with a local doctor (GP) as soon as you arrive in London. For help finding your nearest GP see the Student Space website:

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www.imperial.ac.uk/student-support-zone/your-health/doctor-and-dentist/

There is the Imperial College Health Centre on our South Kensington Campus which you may visit during clinic hours if you're feeling unwell. Students living within the practice catchment area are encouraged to register with the Centre.



www.imperialcollegehealthcentre.co.uk

### **NHS Dentist (based in the Imperial Health Centre)**

The Imperial College Dental Centre offers a full range of NHS and private treatment options.



www.imperialcollegedental.co.uk/

# **Disability Support**

### **Disability Advisory Service**

The Disability Advisory Service provides confidential advice and support for all disabled students and students with specific learning difficulties.

If you hold an offer or are a current student, you are invited to visit the Disability Advisory Service pages for further guidance.

Once you begin your studies, there is a lot of support available to you, for example, if you think you may have a specific learning difficulty (such as dyslexia) or autism, but have never been formally assessed, the Disability Advisory Service offers initial screening appointments.



020 7594 9755



disability@imperial.ac.uk



www.imperial.ac.uk/disability-advisory-service

### **Departmental Disability Officers**

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

### **Emma Rainbow**



e.rainbow@imperial.ac.uk



+44 (0)20 7594 6198



Office 607 – Level 6, EEE Building.

More information on Departmental Disability Officers is available at:



www.imperial.ac.uk/disability-advisory-service/support-available/departmental-disabilityofficers/

More information on procedures for the consideration of additional exam arrangements in respect of disability is available at:



www.imperial.ac.uk/media/imperial-college/administration-and-supportservices/registry/academic-governance/public/academic-policy/exam-arrangements-and-resits/Exam-arrangements-in-respect-of-disability.pdf

# **Library and IT**

### **Information and Communications Technologies (ICT)**

If you're having problems with technology (including computers, laptops and mobile devices), you can get help from ICT's Service Desk.



020 7594 9000



www.imperial.ac.uk/ict/service-desk

### **Software shop**

The Software shop offers a variety of general and subject specific software programs and packages for free or at a discounted price for Imperial students.

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

### **Library Services**

The Abdus Salam 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 research. Also, don't forget to check out the library's skills support and 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 their collection of over 637,000 titles. If they don't have what you need, they can get it for you, simply ask them to buy it or request a copy through their free Document Delivery service.

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

<u>www.imperial.ac.uk/library</u>

# **Centre for Academic English (CfAE)**

The goal of the Centre for Academic English is to ensure you develop both the ability and the confidence to excel as a communicator during your doctoral research. From the very beginning of your research and all the way through, we're here to help you realise your potential.

To achieve this, we've designed a flexible academic STEMM communication programme for doctoral students. In the early stages of your research, you can join our sessions which provide the foundations of accurate and appropriate written communication for STEMM research. Our technical speaking courses provide you with practical training in successful oral communication, helping you prepare for early-stage presentations and your viva. By using our online resources, you can create your own personalised self-study learning pathway. As you build your pathway, you'll have the freedom to select the STEMM communication resources you need whenever you need them.

To find out more about what is available for you, visit the CfAE website.



www.imperial.ac.uk/academic-english/



Level 3, Sherfield Building, South Kensington Campus



# **Religious Support**

The Chaplaincy Multi-faith Centre has chaplains from many different religions, as well as prayer rooms and information on places of worship. In addition, it runs meditation classes and mindfulness workshops for stress management.

www.imperial.ac.uk/chaplaincy

# **Support for International Students**

### **International Student Support team**

Students from outside the UK make up around half of our student population, so our International Student Support team offers year-round support to help our international students settle into Imperial life. This includes UK visa and immigration advice and trips to different places of interest.

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

#### 9. **Student Administration**

The Student Administration team are responsible for the administration and maintenance of the student records for all students studying at Imperial. 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 and Transport for London, as well as other external bodies.

The team are 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 'My Documents' online portal allows you to access your documents, including proof of enrolment and award documentation. You can then digitally share these documents with third parties such as an employer or university.

Each document has a unique QR code with the official university watermark, making it easier for employers and others to verify your credentials. This online document sharing is a legitimate service, introduced and authorised by Imperial.

We would like to encourage you to use this online service in place of paper-based documentation. You can access the 'My Documents' portal here:



www.imperial.ac.uk/student-records-and-data/for-current-students/request-an-officialdocument/

### **Student Records**



+44 (0)20 7594 7268



student.records@imperial.ac.uk

### **Degree Certificates**



+44 (0)20 7594 7267



certificates@imperial.ac.uk

### 10. Work-life balance

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

# **College Union**

The Union's range of 370+ 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

www.imperialcollegeunion.org/activities/a-to-z

# **Move Imperial**

Imperial 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/

For an annual fee you will get use of the gym and swimming facilities on our campuses. More information about Imperial student memberships and updates to our services can be found at:

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 Move More campaign, more information can be found at:

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

# 11. Student feedback and representation

Imperial and Imperial College Union are 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 and faculty 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/representation/a-to-z

### **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. Imperial good practice guidelines for staff-student committees are available here:

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

The EEE Department Staff-Student Committee Meeting minutes and the committee membership can be found on this page:

http://www.imperial.ac.uk/electrical-engineering/study/current-students-course-handbook/postgraduate-staff-and-student-committee/

This is an opportunity to make your feelings and views heard. The Committee meets once a Term and consists of representatives from each research group, the Director of Postgraduate Studies, the Postgraduate Tutor, and the PGR Officer. Issues that have been discussed at previous meetings include postgraduate training, introduction of new university regulations, provision of a postgraduate common room and social opportunities.

It is very important that the administration of the Department understands the views of its postgraduate community so please try to take an active part in this process.

### **Research Groups**

PhD representatives are elected by their fellow research students for each of the following research groups:

- Circuits and Systems
- Circuits and Systems (Centre for Bio-inspired Technology)
- Communications and Signal Processing
- Control and Power
- Intelligent Systems and Networks
- Optical and Semiconductor Devices

### 12. Student Surveys

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

### Postgraduate Research Experience Survey (PRES)

The PRES is your chance to tell us about a range of elements related to your student experience such as supervision, resources, research community, progress and assessment, professional development, and wellbeing. 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 survey is open to postgraduate research students and runs across the spring and summer terms. At Imperial,

PRES is run every other year, in odd-numbered calendar years. The survey is confidential. The more you take part the more representative the results so please take a few minutes to give your views.

You can read about the action Imperial has taken in response to the PRES here:

www.imperial.ac.uk/early-career-researcher-institute/networks-events-and-funds/pres/

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

13. Professional Development Opportunities for Research Degree

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

# Students

# **Graduate Teaching Assistants (GTA)**

Many research students across Imperial are involved with teaching, supervision and assessment (in the form of marking) of both undergraduate and Master's level students. Working as a GTA provides research students with an opportunity to broaden their experience at the university and develop further skills. These include learning to teach, convey complex technical concepts, writing/communication skills, etc. Furthermore, research students may find that acting as a GTA helps improve their own technical abilities (both theoretical and practical), enables them to broaden their knowledge base, and gain communication and task management experience. When considering a career in academia, teaching experience is important and GTA work allows building up a teaching portfolio and even becoming aware of one's own teaching style.

	www.imperial.ac.uk/staff/tools-and-reference/quality-assurance-enhancement/roles-and-responsibilities/
	www.imperial.ac.uk/human-resources/recruitment-and-promotions/recruitment/temporary-worker-appointments/graduate-teaching-assistants/
☐ hand	https://www.imperial.ac.uk/electrical-engineering/study/current-students-course- dbook/working-as-a-graduate-teaching-assistant/

# **Imperial Outreach**

The Outreach team at Imperial is responsible for delivering the university's programme of activities for schools and colleges. The team deliver a wide range of exciting and inspiring activities for students from disadvantaged backgrounds right across the United Kingdom.

The team focuses on raising attainment, changing perceptions, supporting teaching staff and stimulating interest in STEM subjects from primary through to A-Level education, as part of Imperial's widening participation and outreach agenda.

By working with teaching staff, schools, colleges and community organisations they are able to offer support specifically where it is needed through a dedicated portfolio of programmes for young people. These programmes form part of the Imperial Access Agreement.

To make sure the team offer the fullest breadth of activities, they collaborate with many members of academic staff, as well as student ambassadors who add the valuable perspective of life as a current Imperial student.

www.imperial.ac.uk/be-inspired/schools-outreach/

### **Recruitment and Outreach student ambassadors / Outreach STEM Leaders**

Our ambassador and leader schemes provide you with an opportunity to work with young people to help inspire them to consider studying science, technology, engineering, mathematics and medicine.

Some activities will draw on your subject expertise, giving you the chance to communicate your research in a way that is suitable for a school age audience. Other opportunities may be more generally focused on your experience of higher education through talks about student life for sixth form students or mock interview sessions for potential applicants.

www.imperial.ac.uk/be-inspired/volunteering/outreach-student-ambassadors/
www.imperial.ac.uk/be-inspired/volunteering/outreach-stem-leaders/

# **Professional Skills Development Programme**

The Early Career Researcher Institute at Imperial provides an internationally renowned and award-winning Professional Development Programme.

Funders of doctoral programmes, including governments, industry and research councils expect that you spend time on your professional development (<u>UKRI, 2024</u>), and developing generic research, personal and professional development is an important part of your postgraduate training.

Our Professional Development Programme offers you support in your study and research, as well as the opportunity to develop knowledge, attributes, and skills relevant to your doctorate and your future career whether inside or outside academia. These development opportunities can improve your ability to undertake focused and successful research, present your work to a variety of audiences, and enhance your overall experience at Imperial. Postgraduate alumni, academics and employers have noted the value of the programme.

We work across Imperial with academic and support departments, alumni, students and externals to enable and enhance joined up opportunities. This has a social benefit, fostering networking and collaboration, as our courses, events and activities provide for for students to interact with others from different departments and divisions.

www.imperial.ac.uk/early-career-researcher-institute/learning-and-development/

### 14. And finally

### **Alumni services and benefits**

When you graduate, you'll become a member of a lifelong global network of more than 262,000 incredible people. You'll have access to an exclusive range of services and benefits, designed to support you in your next steps, wherever you are in the world, including:

Lifelong learning: from discounts on further study to mentoring, career support, online resources and events, we're here for you throughout your career to support your professional development.

Connections: Imperial's alumni community can be a source of friendship and professional contacts. Whether you're looking for top tips for a new city, to find a business partner or mentor, or get to know your local community, we've got you covered.

Perks: discounts, access to the library, Imperial College Union, and a dedicated co-working and lounge space in the heart of London – there are plenty of perks on offer for Imperial alumni whether you're based near campus or further afield.

Visit the alumni website to find out more about your new community, how to access your benefits, and how to get in touch with fellow alumni around the world.

www.imperial.ac.uk/alumni/benefits/recent-graduates