

Imperial College London

An Imperial PhD studied in conjunction with



UNIVERSITI KEBANGSAAN MALAYSIA



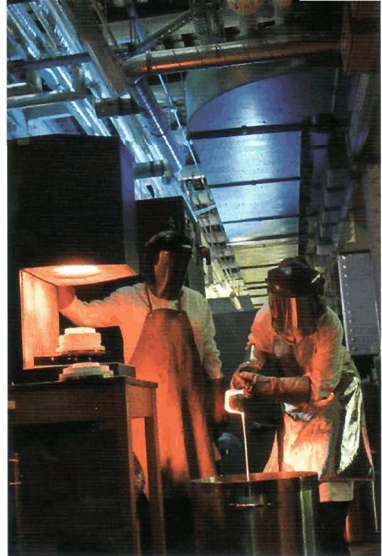
Malaysia-Imperial Doctoral Programme (MIDP)

About the programme

Malaysia-Imperial Doctoral Programme PhD students are enrolled and follow all the regulations that full-time PhD students follow, however it is understood that the student/tutor will only spend between 12 and 18 months based in London with their Imperial supervisor. This is normally arranged through three trips and should be designed to fit around the student, the supervisors and the research that is to be conducted (each trip is a minimum of three months and maximum nine months). The Imperial supervisor is supported by a co-supervisor at the host university in Malaysia, who helps guide the student when they are in Malaysia. Therefore the student benefits from having a minimum of two supervisors all the way through their project.

This programme is designed not only in order for the student to benefit from an Imperial PhD but the hope is that this programme offers collaboration prospects for both the student and supervisors involved in the programme. In order to help facilitate the supervision of the programme as well as the collaboration efforts, each year, a two week supervisor trip is available for each of the three years of the programme; this can be for either the Imperial or the Malaysian supervisor (three trips in total).

MIDP students can study in any of Imperial's departments and are currently studying in the Department of Electrical and Electronic Engineering, the Department of Civil and Environmental Engineering, the Division of Investigative Science (Medicine), the Division of Surgery, Oncology, Reproductive Biology and Anaesthetics (Medicine) and with our newer Department of Humanities and the Centre for Educational Development.



Imperial College owns one of the largest estates in the UK university sector, equivalent in size to 133 football pitches. This estate includes cutting edge research facilities, industry-standard equipment and top teaching environments, including labs, workshops and smaller workrooms for individual or small group study.

Eligibility

MIDP students must be nominated by their host university, and meet their eligibility criteria. MoHE then sponsors the full tuition fees and various overseas allowances. Chosen applicants are likely to have good first degrees in science, medicine or engineering-related subjects, and often a Master's in a relevant area, as well as an interest in pursuing an academic or research career. All students must meet the Imperial entry requirements including English qualifications, for details see: www.imperial.ac.uk/registry/admission/english_test_pg/.

Many MIDP students are employed as tutors in the host universities or in other universities in Malaysia who support their application.

How to apply

Applicants are requested to find an appropriate topic of study and an appropriate supervisor at their institution in Malaysia. Once a topic and supervisor have been discussed, students should contact an appropriate academic at Imperial, which should be done directly. If the applicant cannot find a suitable Imperial supervisor, the MIDP Officer can assist with the process of matching students' proposals (using the student's and co-supervisor's CVs) to an appropriate Imperial supervisor. Once agreed in principle, the proposed supervisors and topic should then be submitted to the host university, the Malaysia Ministry of Higher Education, and a formal application be made through the Imperial College London website (www.imperial.ac.uk/pgprospectus/howtoapply). Once you have made an official application through the online system, your student number will be forwarded to you, you should then forward this also to the MIDP Officer, so that the Officer can assist with your application.

Initial approval may be given by MoHE, and is normally confirmed once a conditional offer has been released by Imperial. If the student meets all the requirements and both supervisors are content, a conditional offer may be issued. This may require students to prove their academic qualifications to show they meet the College's entry requirements, and proof of funding from MoHE must also be provided. When all the conditions have been met, an unconditional offer will be issued, and the visa and registration process can begin.

“This programme is designed for the person who really needs to be near family in Malaysia but at the same time really wants to experience working internationally with leading, professional academics. Imperial is special because of its education system as well as its expertise.”

—Aida from USM

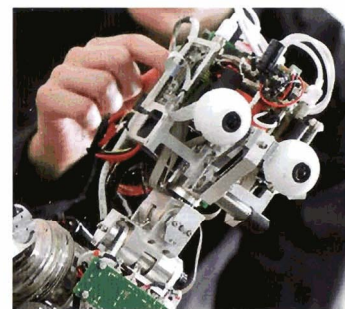


We are consistently recognised as one of the top three UK university institutions for research quality. Our research income is one of the largest in the UK—£256 million for 2007–08.

Once an applicant has confirmed acceptance from Imperial College London, their enrolment date will be confirmed, and they can plan the schedule for their PhD, including arranging their first placement in London. Students will undertake a number of placements during their programme, and their Imperial supervisor and the co-supervisor in Malaysia will also make visits to each others' institutions. The student is required to submit a visit schedule for the first year before enrolment. If the student is not planning to be at Imperial on their enrolment date, both induction information and registration are available online (www.imperial.ac.uk/midp) — Imperial's MIDP Officer can help with this.

“Studying at a world renowned institution has been both challenging and interesting experience. Its rich academic culture exposed me to different research environment altogether. I have learnt many new things both academically and culturally. Though living in London is totally different to living in Malaysia, it has been a great experience for me and my family.”

—Mohamed Shaik Dawood, studying with UKM and will return to International Islamic University Malaysia (IIUM) as a lecturer



What if I do not have a suggested topic in mind?

If you do not have a particular passion for a particular area, we do have some suggested projects that may help you develop in certain areas. Although a list is available on the MIDP website (www.imperial.ac.uk/midp), this is not exhaustive and students should contact the officer for more assistance.

Examples of such projects are:

- Modelling and experimental research projects in the areas of turbocharger aerodynamics, mild hybrid system, supercharging and engine downsizing

ACADEMICS INVOLVED:

- Dr Ricardo Martinez-Botas (r.botas@imperial.ac.uk)
- Dr Srithar Rajoo (srithar@fkm.utm.my)

- Ultraviolet disinfection of water using UV light emitting diodes — modelling reactor design

ACADEMICS INVOLVED:

- Dr Michael Templeton (m.templeton@imperial.ac.uk)
- Dr Hamidi Abdul Aziz (cehamidi@eng.usm.my)

- Modelling and experimental research in the areas of organic solar cells and displays

ACADEMIC INVOLVED:

- Dr John de Mello (j.demello@imperial.ac.uk)

- Experimental research on the synthesis of high quality nanoparticles in microfluidic devices

ACADEMICS INVOLVED:


- Dr John de Mello (j.demello@imperial.ac.uk)
- Professor Andrew de Mello (a.demello@imperial.ac.uk)

“Imperial is a great university to study at, I receive good supervision from my supervisor and I have made lots of friends here in London.”

—Marsyita Hanafi from UPM


Welcome

The Malaysia-Imperial Doctoral Programme (MIDP) supports the Malaysian government's aim to increase the proportion of university academic staff educated to PhD level, and encourages the fostering of academic and research links between Imperial College London and Malaysia.



The Malaysian Imperial Doctoral Programme is an important part of the Malaysian Government's National Higher Education Strategic Plan. I hope that many of our students and tutors take up the opportunity to study at Imperial and to gain, not only a PhD, but also valuable research skills and contacts to further the links between our institutions.

Prof. Dato' IR. DR. Radin Umar bin Radin Sohadi
Director General, Malaysian Ministry of Higher Education



We are delighted to be the Malaysian Ministry of Higher Education partner in providing top quality research and teaching to tutors and students who will be leaders in Malaysia in the future. Not only do these PhD researchers add to the international environment that we strive to achieve here at Imperial but we hope to build long lasting research collaboration links for the future.

Professor Mary A. Ritter
Pro Rector for Postgraduate and International Affairs, Imperial College London

About

The Malaysian Imperial Doctoral Programme (MIDP) is a collaborative programme between:

- Imperial College London
- Malaysian Ministry of Higher Education (MoHE)
- Universiti Kebangsaan Malaysia (UKM)
- Universiti Malaya (UM)
- Universiti Putra Malaysia (UPM)
- Universiti Sains Malaysia (USM)
- Universiti Teknologi Malaysia (UTM)



“MIDP gives me the opportunity to study locally and internationally. The time spent at Imperial is flexible and can be broken up to 3 visits. The supervisors are professional and always there for me when I need support. There is also a coordinator that helps a lot in answering all my queries. Other staff are also friendly especially those at the library.”

—Huzaina from UM

For more information

- For further information on how this programme works or to get information on how to apply through each institution, please contact the main representative at our partner institutions:
 - UKM: Mrs Normah Adam, Head of Training Unit
na@ukm.my / +603 8921 5008
 - UM: Head, Training Unit
rmg02@um.edu.my / +603 7967 3255
 - UPM: Head, Academic Training Section
juitamdtahir@putra.upm.edu.my
+603 8946 6142/6162
 - USM: Mrs Noor Aaini Ismail,
Academic Staff Training Program
naaini@notes.usm.my / +604 653 3119
 - UTM: Tn.Hj. Dahari b. Hj. Derani, Head of Human Capital Development Department
dahari@utm.my / +607 553 0409
- For more information about the scholarship:
 - www.mohe.gov.my
 - Mr Zainal Abidin Bin Abu Hassan / zainal@mohe.gov.my
- Useful source of information for potential Malaysian students:
 - Malaysian Students Department, United Kingdom & Eire,
30-34 Queensborough Terrace, London W2 3ST, UK
Tel: +44 (0)20 7985 1252 / Fax: +44 (0)20 7221 5615
www.masduke.net
- Details about the programme, application and current projects: www.imperial.ac.uk/midp