

# Beasiswa Indonesia

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## PhD Scholarships in Chemical Engineering, Imperial College London, UK

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**The Department of Chemical Engineering** has up to 15 fully-funded scholarships available for PhD applicants to start in 2023. Ten scholarships are open to all applicants regardless of their fee status while 5 are reserved for Home students. The scholarships cover both tuition fees and a tax-free contribution to maintenance costs of approximately between £19,668 – £22,900 per annum for 42 months.

Scholarships for October 2023 entry are available in the following areas and groups:

- Novel agent-based approaches for whole energy systems modelling for UK net-zero emissions by 2050, with a focus on hydrogen integration, with Professor Adam Hawkes
- Mammalian cell engineering: resource aware designs and tools for gene expression control, with Dr Francesca Ceroni
- Robust functional membranes for fluid separation and chemical reaction, with Professor Kang Li
- Influence of impurities on the properties and transportation of liquefied and compressed-gaseous hydrogen streams, with Professor Martin Trusler
- Autonomous Industrial Systems, with Dr Mehmet Mercangöz
- Advanced Membranes for Energy Conversion and Storage, with Dr Qilei Song
- Reaction engineering and applied catalysis for sustainable production of specialty chemicals from biomass, with Dr Roberto Rinaldi
- Catalytic conversion of bio-renewables with heterogeneous catalysts, with Dr Ceri Hammond
- Robust data driven optimisation for uncertain chemical processes, with Dr Antonio del Rio Chanona
- Information Processing in Natural Cells, Artificial Cells, Cell-Free Systems and Cell populations: Systems Investigations across the spectrum of systems and synthetic biology, with Dr Krishnan
- Bio-inspired multifunctional nanocarriers for targeted delivery of active pharmaceutical agents and healthcare applications, with Professor Rongjun Chen
- Computer-aided molecular design and optimisation, with Professor Claire Adjiman
- Nanocellulose and composites from ionic liquid fractionation of biomass for high-value applications, with Professor Jason Hallett
- Computer-aided tools in bioprocess and energy systems engineering, with Dr Maria Papathanasiou

### Upcoming deadline:

- 31 October 2023 for the first selection round
  - 31 December 2023 for the second selection round
  - 28 February 2024 for the third selection round
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1. Full Funded VLIR-ICP Master Scholarships, KU Leuven, Belgium
2. Fully Funded Scholarships, King Abdullah University of Science and Technology, Saudi Arabia
3. Fully Funded Master Scholarships, Chulabhorn Graduate Institute, Thailand
4. Fully Funded Scholarships, University of New England, Australia
5. Fully Funded Scholarships, Chonnam National University, South Korea
6. Fully Funded Scholarships, Ajou University, South Korea
7. Fully Funded Graduate Scholarships for International Students, South Korea
8. Full Tuition Fee Scholarships for Female Students from Developing Countries, Swansea University, UK
9. Master Scholarships, University of Twente, Netherlands
10. Fully Funded Scholarships in Singapore

11. Tuition + Living Allowance Scholarships, University of Waikato, New Zealand
  12. Fully Funded Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
  13. Master Scholarships, Faculty of Medicine, Imperial College London, UK
  14. Fully Funded YSEALI Academic Fellowship, USA
  15. Fully Funded Australia Awards Scholarships
  16. Fully Funded GCE A Level Scholarships for Indonesian Students, Singapore
  17. Fully Funded Scholarships in Astronomy, University of Cambridge, UK
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1. YSEALI Academic Fellowship, USA
  2. Beasiswa Riset Tugas Akhir - Pusat Studi Muhammadiyah
  3. Beasiswa Pemerintah Provinsi Kepulauan Riau
  4. Beasiswa SDM Sawit - Kementerian Pertanian
  5. Beasiswa FULL + Biaya Hidup dari Pemerintah Jepang (MONBUKAGAKUSHO) untuk Program Research Student
  6. Beasiswa Adaro Foundation - Universitas Gadjah Mada (UGM)
  7. Master & PhD Scholarships, Honjo International Scholarship Foundation, Japan
  8. Beasiswa Putra-Putri Transmigran Berprestasi - Universitas Gadjah Mada
  9. VLIR-ICP Master Scholarships, KU Leuven, Belgium
  10. Nailekhanim Foundation Scholarship, Khazar University, Azerbaijan
  11. Eira Francis Davies Scholarship, Swansea University, UK
  12. Beasiswa Master 2, Prancis
  13. Beasiswa Tematik, Prancis
  14. Beasiswa Kartini Sains, Prancis
  15. Beasiswa France Excellence S2, Prancis
  16. Beasiswa France Excellence D3 / S1, Prancis
  17. University of Waikato Doctoral Scholarship, New Zealand
  18. University of Twente Scholarship (UTS), Netherlands
  19. Australia Awards Scholarships
  20. Faculty of Medicine Dean Master Scholarships, Imperial College London, UK
  21. Beasiswa Bantuan Penelitian - Bank Indonesia Institute
  22. Beasiswa Mahasiswa Berprestasi Non Akademik - Provinsi Kalimantan Barat
  23. Future Leader Scholarship, LASALLE College of the Arts, Singapore
  24. Beasiswa Talenta Atlet, Seni dan Sains - Universitas Muhammadiyah Yogyakarta (UMY)
  25. Beasiswa Kader Unggulan Muhammadiyah (KAUM) - Universitas Muhammadiyah Yogyakarta (UMY)
  26. Beasiswa Dokter dan Dokter Gigi Muhammadiyah - Universitas Muhammadiyah Yogyakarta (UMY)
  27. Vice Chancellor's International Excellence Scholarship, University of Waikato, New Zealand
  28. Boustany Astronomy Scholarship, University of Cambridge, UK
  29. Vice-Chancellor's International Scholarships Scheme, University of Sydney, Australia
  30. PhD Scholarships, Singapore International Graduate Award (SINGA)
  31. International Postgraduate Research Award (IPRA), University of New England, Australia
  32. ASEAN Scholarships for Indonesia by Ministry of Education, Singapore
  33. Master and PhD Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia
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