

Coventry
University



WARWICK
THE UNIVERSITY OF WARWICK



University of
Nottingham
UK | CHINA | MALAYSIA



UKICIS 2021
STUDENT MOBILITY PROGRAMME



COVENTRY UNIVERSITY

<https://www.coventry.ac.uk>



UNIVERSITY OF WARWICK

<https://www.warwick.ac.uk>



UNIVERSITY OF NOTTINGHAM

<https://www.nottingham.ac.uk>

EXCEPTIONAL QUALITY

PROGRAMME OVERVIEW

The UKICIS Student Mobility Programme has been designed specifically to support the mission of the Indonesian Ministry of Education and Culture (Kemdikbud) in promoting *Merdeka Belajar*, by taking the benefits of the existing UK-Indonesia Consortium for Interdisciplinary Sciences (UKICIS), comprising three leading UK universities of **Coventry**, **Warwick** and **Nottingham** (www.ukicis.org.uk).

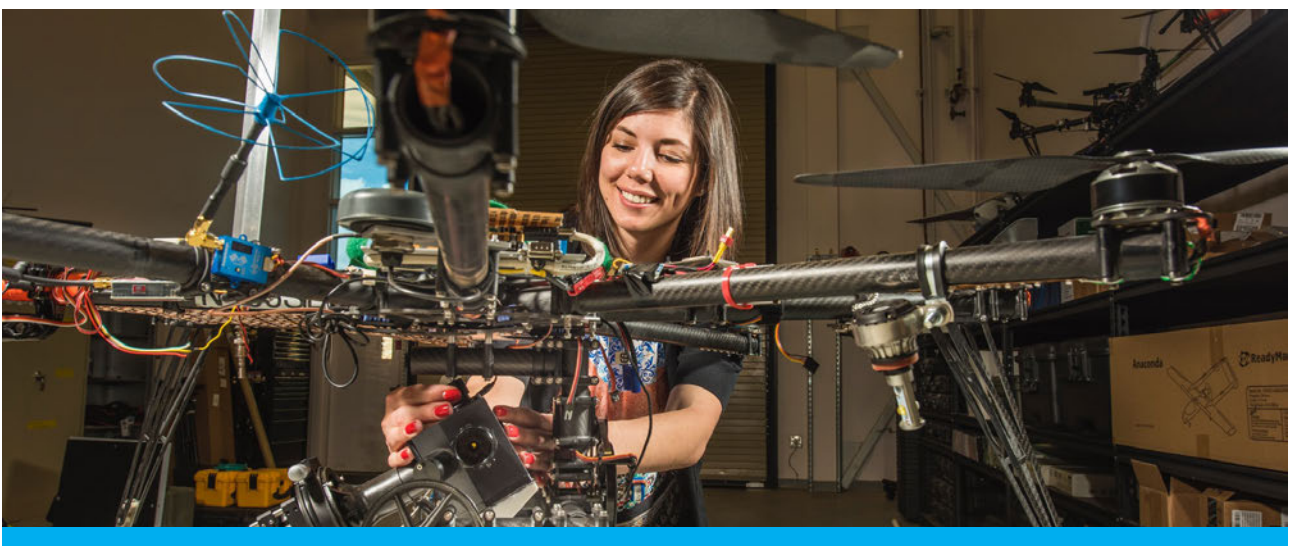
Being a collective effort of **Coventry**, **Warwick** and **Nottingham**, the UKICIS Student Mobility programme is one step ahead of other traditional student mobility programmes, offering innovative learning experiences via further student mobility within the three universities, industrial **group project work** (aka “learning in partnership with industry/businesses”), **visits to businesses/factories**, (e.g. Mini, Jaguar/Land Rover), development programmes for future leaders, in addition to

sitting in regular class-teaching. Other activities include design thinking workshop, team working, communication skills improvement, pitching ideas, project management etc.

LEARNING OUTCOMES

Having completed this programme, Indonesian students are expected to:

1. Gain unique skills, knowledge and experience of world-class UK education, exposed via the UKICIS members
2. Develop entrepreneurial, leadership and other interpersonal skills needed for employment
3. Cross-fertilise ideas and learning cultures among the cohorts and the three UK universities
4. Expand the network with other UK students, academics and international communities
5. Improve global exposure and value proposition post-study





Workshop
Satisfaction

Work HARD!

LACK OF CREATIVE (NEW PRODUCTS)

MAKE PROFIT

What does the person HEAR?
what employees say
what colleagues say
what customer say
what influencers say

Employee's innovative equivalent

Colleagues

Conducive environment

Culture

Unstable

Planning & improvement of

Implication

LACK OF CO-OPERATION

PAINS

CHAOS

UNRIVALLED EXPERIENCE

WORLD-CLASS LEARNING FACILITIES

The programme benefits from a combined learning facilities in **Coventry**, **Warwick** and **Nottingham**, unrivalled by any offering made by individual universities.

Coventry

Business Simulation Suite, Stock Trading Floor, 'Faculty on the Factory Floor', Automotive workshop, Health and care patient (hospital, operating theatre) simulation, Sports Science laboratories (biomechanic, physiology), Digital media, television, fashion, clay and printing studios.

Warwick

Autonomous vehicle testing simulator, Engineering build space, Science city clean room, European satellite laboratory, Structural testing laboratory, Power electronics laboratory, Energy innovation centre, Digital Arts Laboratory, Medical training centre, Medical simulation centre, Learning Grids.

Nottingham

Aerospace manufacturing, materials and structures; GeoEnergy Test Bed; Power Electronics, and Electrical Machines/Drives; British Geological Survey laboratory; Sir Peter Mansfield Magnetic Resonance Imaging (MRI) facilities.

BENEFITS FOR STUDENTS

Students will experience:

1. Industrial/business/research projects at the three UKICIS universities (subject to suitable backgrounds of students).
2. Visits to factories, companies and other organisations relevant to the studies.
3. Sitting in lectures by academics and practitioners.
4. Enhancement of soft/entrepreneurial skills, leadership and competence development to turn ideas, opportunities and resources into actions.
5. Mobility within **Coventry**, **Warwick** and **Nottingham**, benefiting from a unique cross-fertilisation of expertise, learning cultures and world-class research facilities.

ADDED BONUS

For the Indonesian universities and academics:

1. Develop new, and strengthen existing, partnerships with UKICIS members in teaching and learning
2. Develop joint-research projects with UKICIS members in the focused areas that support the National Research Priorities (Prioritas Riset Nasional) of Indonesia
3. Accelerate knowledge exchange between the UK and Indonesia
4. Exchange research cultures and ideas that subsequently improve resilience and research impacts
5. Inclusion into existing research projects and co-authoring joint publication with UKICIS members

DISTINCTIVE OFFERING

LEARNING IN PARTNERSHIP WITH INDUSTRY

Leadership and entrepreneurial skills enhancement; competence development to turn ideas, opportunities and resources into actions. Activities include group projects, industry visits, design thinking workshop, team working exercise, communication skills improvement, pitching ideas, project management etc.

COVENTRY MODULES

- C1 Industry 4.0 Business Strategies
- C2 Digital Business, Marketing and E-Commerce
- C3 Innovation Management and Entrepreneurship
- C4 Operations & Supply Chain Management
- C5 Global Business Simulation
- C6 Business Analytics for Decision Making
- C7 Analysis of Global Investments
- C8 Smart Manufacturing and Digital Technology
- C9 Finance & Accounting for International Business
- C10 Analysing Quantitative Business Data

WARWICK MODULES

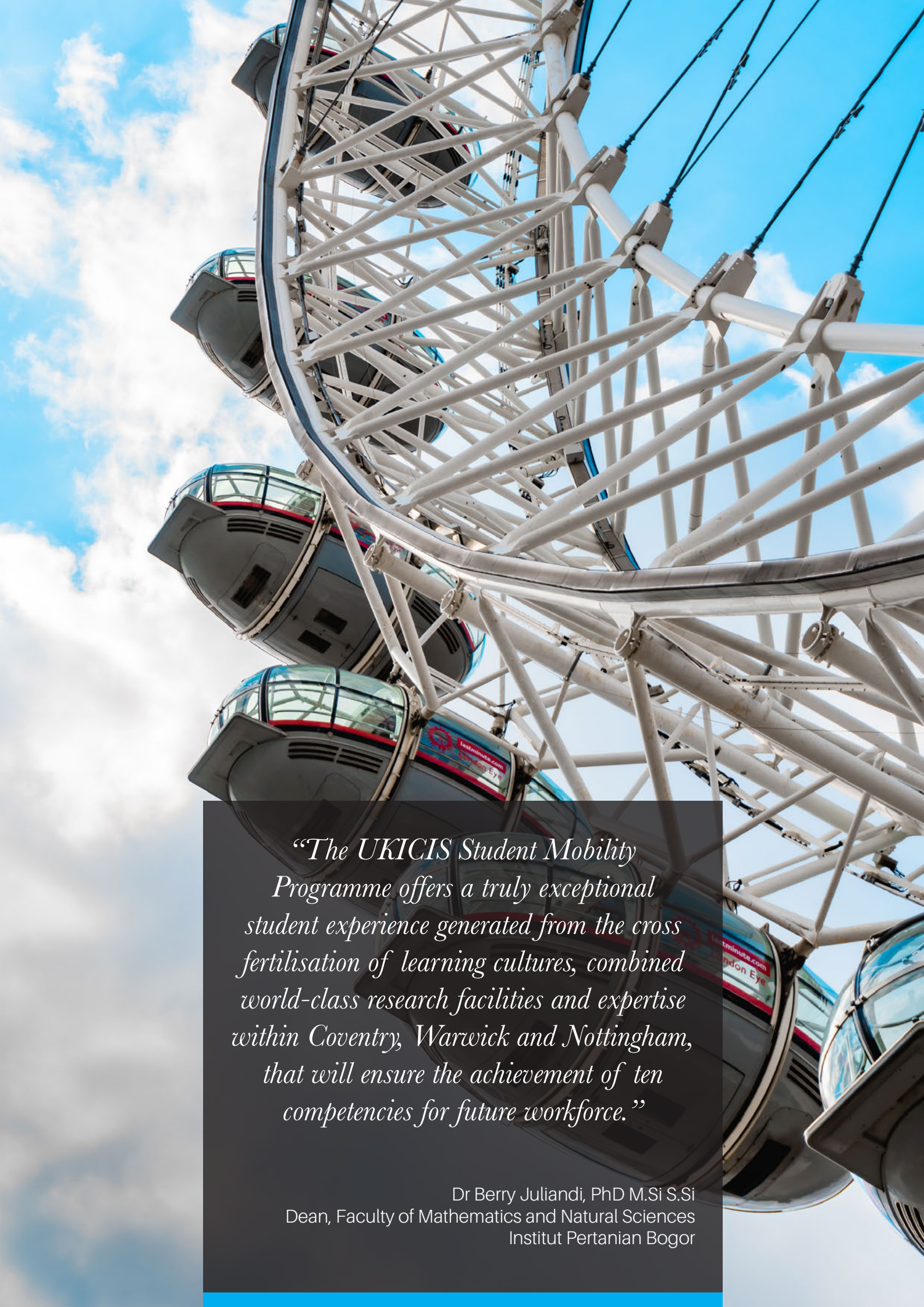
- W1 Automation and Robotics
- W2 Design for Manufacture
- W3 Engines and Heat Pumps
- W4 Signal Processing
- W5 Systems Modelling and Control
- W6 Water Engineering for Civil Engineers
- W7 Fluid Mechanics for Mechanical Engineers
- W8 Power Electronics
- W9 Power Systems and Electrical Machines
- W10 Biomechanics

NOTTINGHAM MODULES

- N1 Magnetic Resonance Imaging
- N2 Advanced Computational Method
- N3 Transport Phenomena and Numerical Modelling
- N4 Geothermal, and Petroleum Engineering
- N5 Carbon Capture and Storage
- N6 Food Flavour and Advanced Sensory Science
- N7 Waste Management
- N8 Smart Manufacturing and Digital Technology
- N9 Electric and Hybrid Vehicle Technologies
- N10 Aerospace Propulsion, and Electrification



In addition to the **Learning in Partnership with Industry** module, students shall choose three modules from the University you are enrolled, for example C2,C3,C5 or W7,W8,W9 or N4,N5,N8, but **not** mix and match.



“The UKICIS Student Mobility Programme offers a truly exceptional student experience generated from the cross fertilisation of learning cultures, combined world-class research facilities and expertise within Coventry, Warwick and Nottingham, that will ensure the achievement of ten competencies for future workforce.”

Dr Berry Juliandi, PhD M.Si S.Si
Dean, Faculty of Mathematics and Natural Sciences
Institut Pertanian Bogor



“Coventry, Warwick and Nottingham have strong links with industry, allowing the students to learn in close collaboration with them. Students will no doubt gain a unique real-life experience that is valuable for their future career.”

Dr I Made Andi Arsana, PhD ME BEng
Head of the Office of International Affairs
Universitas Gadjah Mada

FOCUS ON **INDUSTRY**

This programme has been carefully designed with industrial impacts in mind. The content is developed in conjunction with the industry and businesses with an aim to nurture **future generation of graduates** with entrepreneurial mindset, who can ‘think out of the box’ and ‘stand out of the crowd’.

Focal to this programme is the **learning in partnership in industry** module. The major learning experience involves working in teams to fulfil demanding objectives within a tight time schedule, applying state-of-the-art technologies and approaches, and delivering results to a high professional standard. Companies set the objectives and tasks that need to be resolved, and the students are expected to utilise their creativity to offer possible solutions.

Students will be equipped with learning modules aiming to develop their competence to turn ideas, opportunities and resources into actions, and to enhance their **leadership** and **entrepreneurial skills**. During the team-based project, students will use their knowledge gained from attending lectures, industry visits, workshop, team working exercise, communication skills improvement, pitching ideas, project management etc., ensuring the achievement of ten competencies for future workforce

To understand business operations in the UK, **trips to multi-national companies** and factories will be arranged. Students will be briefed of what they need to learn during the visits and to ask the ‘right questions. Previous visits include companies and organisations such as Manchester United Football club, Mini, BBC, Jaguar Land Rover, Morgan Motors, Bank of England and Wimbledon. In those companies, students will gain exclusive access to internationally renowned speakers, ranging from CEOs to high profile specialists in their field. This innovative learning experiences is enabled via student mobility within Coventry, Warwick and Nottingham.





HOW TO APPLY

APPLICATION & CONTACTS

Applying to this programme is a quick and easy process via UKICIS members (UGM, ITB and IPB) or your institutions. Your International Office will act as your main contact, but you can always reach us at info@ukicis.org.uk

We will process your applications in groups. We will need the following documents in order to make a decision on your application.

- An English language test score (IELTS 6.0 or equivalent)
- Copy of your current passport

FEE & COSTS

Tuition fee (1 semester)	GBP 5000	
Living allowance (6 months)*	GBP 6000	
Return airfare tickets*	GBP 1100	
Visa application*	GBP 100	
Health Insurance*	GBP 100	
Total*	GBP 12300	(*approximated)

COVID-19 POLICY & PROTOCOL

Throughout the academic year, **Coventry**, **Warwick** and **Nottingham** will be adapting the teaching delivery and assessment of modules in line with government guidance on social distancing and other protective measures in response to Coronavirus. Teaching will vary between online and on-campus delivery through the year, and students should read guidance from the academic department for details of how this will work for a particular module.

More about the Universities' overall response to Coronavirus can be found at:

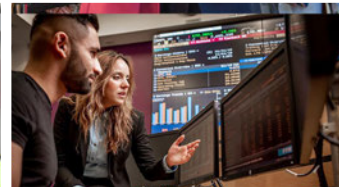
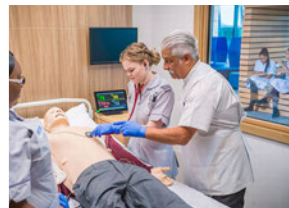
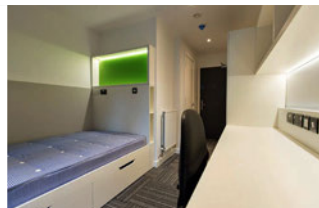
Coventry <https://www.coventry.ac.uk/coronavirus/>

Warwick <https://warwick.ac.uk/coronavirus>

Nottingham <https://www.nottingham.ac.uk/coronavirus/>

The websites provide information for the University community on coronavirus, the University's response, and support available to staff and students. The information is based on Public Health England (PHE) and Foreign, Commonwealth & Development Office (FCDO) guidance.

COVENTRY PHOTO GALLERY



WARWICK PHOTO GALLERY



ENGINEERING

UNDERGRADUATE STUDY

WARWICK
THE UNIVERSITY OF WARWICK

TOP 50 IN THE WORLD FOR OUR REPUTATION WITH EMPLOYERS
(QS World Rankings 2019)

3RD OVERALL AMONG UK INTEGRATED ENGINEERING DEPARTMENTS IN THE LATEST RESEARCH EXCELLENCE FRAMEWORK
(REF, 2014)

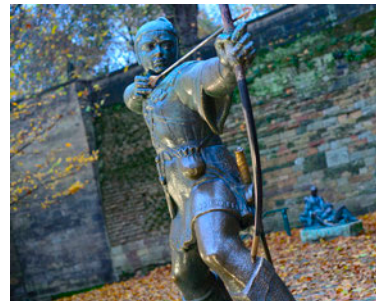
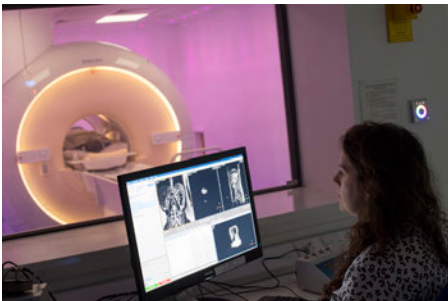
5TH IN THE UK FOR ENGINEERING
(The Complete University Guide Table 2020/21)

3RD MOST TARGETED UNIVERSITY BY UK'S TOP 100 GRADUATE EMPLOYERS
(The Graduate Market in 2021, High Potential Research Ltd)

TOP 30 ONE OF THE WORLD'S TOP 30 MOST INTERNATIONAL UNIVERSITIES
(Times Higher Education 2018)

*Based on all categories from the first year and first term of the second year of all full-time undergraduate students in Higher Education across Engineering and all other related disciplines.

NOTTINGHAM PHOTO GALLERY



ABOUT UKICIS

UK-Indonesia Consortium for Interdisciplinary Sciences (UKICIS) is an Anglo-Indonesian alliance pioneering research and expertise to build global resilience against pandemics, the climate emergency, and natural hazards. It serves to develop and enhance educational, economic, and cultural links through outreach activities and community engagement. The UKICIS champions Science Diplomacy, strengthening the bilateral relationship between the UK and Indonesia through scientific collaboration.

UKICIS brings together the best of Indonesian academic talent at the **University of Nottingham**, the **University of Warwick**, and **Coventry University**, together with those at **Institut Teknologi Bandung**, **Institut Pertanian Bogor**, and **Universitas Gadjah Mada** in Indonesia. UKICIS is also supported by the Indonesian Embassy in London, the British Embassy in Indonesia, and the Indonesian Ministry of Research and Technology/National Agency for Research and Innovation.



Address

The Embassy of the Republic of Indonesia
30 Great Peter Street, Westminster,
London SW1P 2BU

<https://www.ukicis.org.uk>

info@ukicis.org.uk

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