



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

Internationalisation

Knowledge Without Borders



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Students by the lake, The University of Nottingham Ningbo China Campus

A global university

Internationalisation is at the heart of everything we do as a University. Described by *The Times* as the closest the UK has to a truly global university, The University of Nottingham has award-winning campuses in the UK, China and Malaysia and hosts a genuinely global academic community in all three countries.

Nottingham is ranked in the UK's Top 10 and the World's Top 100 universities by the Shanghai Jiao Tong (SJTU) and the QS World University Rankings.

An institution-wide commitment to embedding an international dimension across all of our activities is essential if the University is to discharge its responsibilities to society. Internationalising our core and support functions enables us to produce graduates who are empowered to excel in a challenging global environment and allows us to deliver genuinely world-changing research. We collaborate with institutions from around the world to address globally relevant research agendas. Internationalisation at Nottingham is fundamentally long-term, driven by the principles associated with partnership and reciprocity, and underpinned by both quality and social responsibility.

Domestically, we are a member of the Russell Group which represents 24 leading, internationally focused British research universities – the Ivy League of the UK. Internationally, we are a founding member of the prestigious Universitas 21 group which is an international network of leading research-intensive universities spanning 15 countries. Our innovative Developing Solutions scholarships programme is one of the largest of its kind, helping students from the developing world to study at Nottingham. So far it has supported close to 1,000 overseas students from more than 30 countries in their ambition to study in the UK. We are also an active member of the Erasmus network of European universities with the largest number of students of any UK university on an Erasmus exchange or work placement.

We are very proud to be “the embodiment of the modern international university”, according to *The Sunday Times University Guide 2011*.

www.nottingham.ac.uk/aglobaluniversity

Excellence in education

Teaching Partnerships

The University encourages the development of international teaching partnerships with high quality institutions around the world. Working with some of the best institutions in the world, Nottingham has more than 70 active teaching partnerships, providing students with interesting, innovative and international study opportunities. We welcome initiatives that might include joint or double masters courses, undergraduate courses, or articulation and progression agreements.

We have some very successful programmes that are split between two partners, such as an engineering degree which has been running for over 10 years with Thamassat University in Thailand. We also partner with Tsinghua University in China in subjects across the arts, law and social sciences. There is a collaborative BMedSci degree with Srinakharinwirot University again in Thailand. In Vietnam we work closely at undergraduate level with The International University and in Malaysia with IMU Education.

Other programmes involve multiple partners, such as the Erasmus Mundus funded European Masters in Sustainable Transportation and Electrical Power Systems. In some cases it is our staff that are mobile and deliver University of Nottingham programmes on the ground, including an MSc in Sustainable Building Technology and an Executive MBA in Singapore, as well as the International Postgraduate Certificate in Education which is delivered in Nigeria, United Arab Emirates, Thailand, Tanzania and Spain.

Alongside the Universitas 21 partners, other teaching and learning-related partnerships exist with a range of prestigious universities including Cairo, Universidad de Dessarollo, Bina Nusantara and Aga Khan University. A new agreement with Manipal University, one of India's leading private institutions, allows students to complete their first two years of study in Manipal and then progress directly into year two at Nottingham (in the UK, China or Malaysia) in electrical and electronic engineering, chemical engineering, environmental engineering or architectural environmental engineering. The Faculty of Engineering is offering scholarships to all Manipal students under the agreement.

The Language Centre offers a broad range of classes encouraging students of all abilities. The nine languages offered are: Modern Standard Arabic, French, German, Modern Greek, Italian, Japanese, Mandarin Chinese, Portuguese and Spanish. The levels range from stage one (beginners) to stage six (near native speaker competence). Students may join at any stage depending on their previous language experience. In addition, the centre provides support for the partners of international students to improve their English language abilities.

For nearly 20 years, the Centre for English Language Education (CELE) has been providing study opportunities and support for international students and teacher training programmes. Since its foundation, CELE has gained a reputation as a student-centred organisation committed to empowering its students to succeed in their chosen academic and professional fields.

Universitas 21 Members

Australia	University of Melbourne University of New South Wales University of Queensland
Canada	University of British Columbia McGill University
Chile	Pontificia Universidad Católica de Chile (PUC)
China	Fudan University Shanghai Jiao Tong University
Hong Kong	University of Hong Kong
India	Delhi University
Ireland	University College Dublin
Japan	Waseda University
Mexico	Tecnológico de Monterrey
New Zealand	University of Auckland
Singapore	National University of Singapore
South Korea	Korea University
Sweden	Lund University
The Netherlands	University of Amsterdam
United Kingdom	University of Birmingham The University of Edinburgh University of Glasgow The University of Nottingham
United States of America	University of Connecticut University of Virginia

We work with over 350 institutions worldwide in the field of student and staff exchanges.

Exchange partnerships

We are committed to increasing study abroad opportunities for students across all our schools and departments. These opportunities extend beyond traditional language-based exchanges and extend the opportunity for all students to undertake a study or work placement overseas, providing more than 1,000 students a year with a wide range of overseas experiences that helps them enhance their CVs and job opportunities as well as developing interpersonal skills and cultural awareness. Through these innovative programmes with internationally prestigious partners, we are striving to increase take-up of study abroad opportunities to 25% of the UK undergraduate student population.

Study abroad experiences themselves take many forms – whether it is a law student spending a year in Hong Kong or the USA, a modern languages student participating in a work placement in Europe or international exchange to Latin America; or a summer school in Mexico, Egypt or South Korea.

We work with over 350 institutions worldwide in the field of student and staff exchanges and have a prestigious network of partners, including members of the Universitas 21 (U21) network. In the UK, The University of Nottingham also hosts the largest Erasmus scheme in any university with over 500 placements being undertaken across Europe in 2010-11¹ and we are also establishing exchange programmes in new destinations such as Ghana, Tanzania and India to extend the network of opportunities available to students.

As a recent innovation, the School of Politics and International Relations runs a four year MSci degree with a year spent in one of 25 partner institutions around the world. Alongside their University of Nottingham degree, students also follow online modules offered by the U21 Global Issues Programme, and work towards the completion of a U21 Certificate in Global Issues.

We also send significant numbers of students on exchange each year to our international campuses in China and Malaysia enhancing the diversity of the international student bodies on both of these campuses.

We recently launched the Nottingham Global Network which brings together institutional partners from around the world currently working together for mutual benefit in the areas of research, internationalisation, student experience and business engagement. With more than 65 members and 800 students already enrolled in the network across Europe, Asia, the Middle East, Africa and South America, it is already a truly global enterprise.

www.nottingham.ac.uk/international

¹www.britishcouncil.org/students_by_institution_2007_to_2011.pdf

World-changing research

The University has an outstanding international reputation for pioneering world-changing research, with major scientific breakthroughs in areas such as Magnetic Resonance Imaging (MRI), global food security, energy and sustainability, and health. Most recently we won royal recognition in the Queen's Anniversary Prize for Higher and Further Education, for research on Global Food Security, in helping to feed the world's growing population. In the latest UK Research Assessment Exercise (RAE), 90% of our research was classed as being of an international standard and Nottingham now ranks in the top seven of all British universities for research power.

Annually, we host the Distinguished Visiting Fellow Scheme which welcomes a cohort of early career researchers from around the world to undertake specific research projects at the University and to build international research activity. Through both major institutional partnerships – in the public and private sectors – and extensive individual collaborations, research and knowledge transfer at The University of Nottingham is a genuinely global activity.

Our network of campuses across three countries provides us with a unique platform for research. Our Energy Technologies Research Institute (ETRI) is concentrating its international activity in China, and at our Ningbo campus we have recently launched the Centre for Sustainable Energy Technologies (CSET), which is researching new and renewable energy solutions for building design and construction.

We recently signed an agreement to establish a pioneering £17m International Doctoral Innovation Centre (IDIC) at our campus in China, which will train 100 of the world's brightest young PhD researchers over the next six years. This centre will establish long-term cooperation between leading UK and Chinese universities and industry, and provide a substantive platform for developing collaborative research and knowledge transfer activities between the two nations.

At our Malaysia Campus the University is co-hosting the first ever Crops for the Future Research Centre (CFFRC) in partnership with the Malaysian government. The centre, is specifically designed to evaluate underutilised crops from all corners of the world, and will be at the heart of an international effort to seek out which crops have the potential to be grown for human sustenance or on a commercial basis for food, pharmaceuticals or biomaterials in the climates of the future.

Our relationship with India is also flourishing with new partnerships adding to well-established links in research, teaching, scholarships and enterprise. A series of research projects under the Bridging the Urban and Rural Divide initiative aim to make rural living in both India and the UK more sustainable. Nottingham academics, with funding of more than £5m, are working closely with academic peers in India to investigate opportunities for small scale energy generation through renewable sources.

Our network of campuses across three countries provides us with a unique platform for research.

In addition, new entrepreneurial opportunities in the pharmaceutical and biotechnology industries were opened up between India and the UK with the signing of a UK-India Science Bridge, Biopharm 2020. Bringing together researchers, academics and industrialists, Biopharm 2020 is building bridges that will help to turn business ideas into commercially viable ventures. Experts from Nottingham, the Indian Institute of Management in Bangalore and the Indian Institute of Technology, Kanpur, aim to create a step-change in collaborative innovation in target identification, drug discovery, drug delivery and manufacturing.

The Brazil Distinguished Visiting Fellows scheme, from the universities of Nottingham and Birmingham, was announced during a government trade mission led by Deputy Prime Minister Nick Clegg and David Willetts, the Minister of State for Universities and Science. This will see Brazil's brightest and best research and postgraduate students bringing their talent to the UK as part of a groundbreaking new initiative.

The Engineering and Physical Sciences Research Council (EPSRC) has supported a £2m programme of research on renewable energy and processes for carbon capture and pollutant control in collaboration with Tsinghua University, Zhejiang University, the Chinese Academy of Science and Southeast University in Nanjing. In China, we also established the Fudan-SJTU-Nottingham Plant Biotechnology R&D Centre in 2001 in partnership with the Fudan and Shanghai Jiao Tong universities. We are also one of only five UK partners in Innovation China UK which is the first UK China collaborative programme focused on promoting joint innovation and knowledge transfer.

A further boost to the development of systematic international collaborations has come from a major award under the EPSRC's Building Global Engagement programme which will support the development of new research links in Korea, India and the US.

A strong international focus can be found in the Human Rights Law Centre which has implemented a worldwide programme committed to the promotion and protection of human rights and establishing the rule of law worldwide.

The Leverhulme Centre for Research on Globalisation and Economic Policy (GEP) is a major centre in Europe – and one of the biggest centres of its kind in the world – established in the School of Economics to research both the scientific and policy impacts of globalisation.

Also in Europe, we have been particularly successful in many of the Marie Curie Actions which are aimed at attracting and retaining world-class researchers across the continent.

www.nottingham.ac.uk/research



Students in the Business School, Jubilee Campus, Nottingham, UK

Engaging with business

The University of Nottingham has an exceptional reputation for its collaborative work with businesses and is globally renowned for its groundbreaking research in a number of areas.

Magnetic Resonance Imaging (MRI) was developed here, and our researchers have been responsible for major breakthroughs in sectors as diverse as global food security, energy and sustainability, engineering and healthcare.

Businesses can access a range of services, such as world-changing research. This is delivered by our academics and their teams who can help to develop innovative new processes or products. Many organisations work with us to licence and commercialise our technologies or use the consultancy expertise of our staff. Others rely on us to provide professional development for their management teams or come to us to find talented graduate or postgraduate students to work in their organisations.

We have collaborated with major international businesses and household names, including GSK, Ford, Rolls-Royce, Alliance-Boots, E.ON, Pfizer and General Electric. In addition, our pioneering international campuses in China and Malaysia are working with our Asia Business Centre to establish unique partnerships with some of the leading businesses in South East Asia, undertaking research in a variety of areas.

Our engagements with businesses cover a range of industry sectors. For instance, in aerospace we are working with the Shanghai-based aerospace giant, AVIC, to undertake a range of cutting-edge research projects over the next three years. We are also working on a specialist project with Boeing which looks at the recycling of composite materials.

In the motor industry, we are working with leading Chinese car manufacturers Changan and FAW. Changan established its new research centre next to our UK campus, to enable it to undertake collaborative research with academics in our Faculty of Engineering, investigating powertrain and transmission technologies as well as hybrid vehicles. This partnership provides opportunities for collaborative working between engineering research teams at Changan and academics in our Faculty of Engineering.

Our latest agreement with the Changchun-based car maker FAW, is focusing on research into thermal management and heat transfer in low carbon technologies which is needed for hybrid and electric vehicles. In the food and drink sector, we are working with Wahaha, the largest drinks manufacturer in China, to establish joint research centres to investigate technologies in a number of areas, ranging from bioenergy to animal feed, food technology, electrical motors and robotics.

In Malaysia, an agreement with Sahz Holdings is seeing the development of new 'supercapacitors' which are electrochemical storage devices with high power density. They are used to improve the lifetime of batteries in electric vehicles. Also in Malaysia, our partnership with Bioersity International is looking into the use of underutilised crops in hostile environments that are not well suited to large-scale agriculture.

www.nottingham.ac.uk/servicesforbusiness

Global reach

The University's commitment to global reach, partnership development, research collaboration and the student experience is further enhanced by the opening of a new office in West Africa – the first physical presence that we have established on the continent. The new facility is based in the Ghanaian capital Accra and further underpins our commitment to supporting development across the region through capacity building, collaborative support and knowledge transfer. This new development complements the University's existing offices in Malaysia, China, India, Mexico and Brazil.

One of the most distinctive features of internationalisation at The University of Nottingham has been the establishment of two full campuses undertaking research and delivering University of Nottingham degrees in China and Malaysia.

While locally embedded within the higher education system of their host countries, these campuses remain full and integral parts of The University of Nottingham. We operate a common system for quality assurance and seek to deliver a comparable student experience across all of our campuses.

The UK's Quality Assurance Agency recent audit commended the University for our integrative activities across separate campuses which help to secure equivalent student experiences.

The University of Nottingham Malaysia Campus

At the invitation of the Malaysian government, we opened our first international campus in 2000 in association with Boustead Holdings Berhad and YTL Corporation. Students were initially taught at a city centre site in Kuala Lumpur. In 2005, we relocated to the current campus – a 125-acre purpose-built site, located in Semenyih, 30km from Kuala Lumpur. Occupying a scenic position overlooked by green hills, the campus is a self-contained and self-sufficient neighbourhood village in a garden environment.

The Malaysia Campus combines a high quality living environment with state-of-the-art learning and teaching facilities. The campus now has over 4,000 students studying a range of subjects, including engineering, business, computer science, education, pharmacy, biosciences and psychology.

The mission of the campus states that it "...offers students the Nottingham experience in an ASEAN setting. It is a global institution serving an international community of students and yet is firmly rooted in all that is distinctive about UK education – innovative teaching and assessment methods, which encourage independent, creative "thinking".

The University of Nottingham Ningbo China Campus

Our links with China date back many years with well over 90 collaborations with Chinese universities. This has resulted in the historic development of a campus on the east coast of China, in the prosperous and successful city of Ningbo, Zhejiang Province. Being the first foreign institution to be granted a licence to operate in China, the campus welcomed its first students in 2004 before moving to a purpose-built campus in 2005. This campus is now home to over 5,000 students.

The degree programmes have been specifically tailored to meet the needs of 21st-century China as it globalises and internationalises. International business, international communications and international studies, excellence in English, as well as the opportunity to study other aspects of European languages and cultures, were the first subjects to be offered. Now, in its second phase, the campus has expanded to offer engineering degrees, along with architecture and economics.

Both campuses present unique research opportunities. We are now placing emphasis on research and development, working to achieve a synergy between research strengths and the priorities of China and Malaysia, especially in the regions where the campuses are based. For example, in China, the Centre for Sustainable Energy Technologies (CSET) is undertaking pioneering research into zero carbon and sustainable building techniques.

www.nottingham.ac.uk/aglobaluniversity



Students talking, The University of Nottingham Ningbo China Campus

Location of our key teaching partners and our global bases



Where our students come from and go to



Location of our key teaching partners
We have teaching partnerships all over the world. The countries listed are host to some of our key teaching partnerships.

- | | | |
|-----------|---------------|----------------------|
| Belgium | Italy | Spain |
| Brunei | Malaysia | Switzerland |
| Chile | Netherlands | Tanzania |
| China | Nigeria | Thailand |
| Egypt | Pakistan | United Arab Emirates |
| France | Poland | United Kingdom |
| Germany | Portugal | Vietnam |
| Ghana | Saudi Arabia | |
| India | Singapore | |
| Indonesia | Korea (South) | |

Our global bases



Campuses

- University Park Campus, Nottingham, UK
- Jubilee Campus, Nottingham, UK
- Sutton Bonington Campus, Nottingham, UK
- Ningbo China Campus
- Semenyih Malaysia Campus



Offices

- East Asia Office, Shanghai
- Latin America Office, Mexico
- South East Asia Office, Kuala Lumpur
- West Africa Office, Ghana
- India Office, Delhi
- South America Office, Brazil

Where our students come from and go to
Our international students come from over 150 countries worldwide. This map shows countries sending five or more students to our campuses, and the countries to which we send our students.

- | | | | |
|----------------|----------------|--------------|--------------------------|
| Austria | Greece | Malta | Spain |
| Australia | Hong Kong | Mauritius | Sudan |
| Bangladesh | Hungary | Mexico | Sweden |
| Barbados | India | Morocco | Switzerland |
| Belgium | Indonesia | Nepal | Syria |
| Brazil | Iran | Netherlands | Tanzania |
| Brunei | Iraq | Nigeria | Taiwan |
| Bulgaria | Irish Republic | Norway | Thailand |
| Burma | Israel | Oman | Trinidad and Tobago |
| Canada | Italy | Pakistan | Turkey |
| Chile | Japan | Poland | Uganda |
| China | Jordan | Portugal | United Arab Emirates |
| Colombia | Kazakhstan | Qatar | United States of America |
| Cyprus | Kenya | Romania | Ukraine |
| Czech Republic | Korea (South) | Russia | Vietnam |
| Denmark | Kuwait | Saudi Arabia | Yemen (South) |
| Egypt | Lebanon | Serbia | Zimbabwe |
| Finland | Libya | Singapore | |
| France | Lithuania | Slovakia | |
| Germany | Macau | South Africa | |
| Ghana | Malaysia | Sri Lanka | |

University life

The University of Nottingham, UK, is currently home to over 9,000 international students from more than 150 nations. With a further 9,000 studying at our campuses in China and Malaysia, Nottingham has one of the most international student bodies of any UK university. An equally cosmopolitan body of staff bring an international perspective to teaching, learning and research.

University networks are an important part of the international reach of our university and we are committed to increasing study abroad opportunities for students across all schools and departments. Through innovative programmes with internationally prestigious partners, the University is striving to increase take-up of study abroad opportunities to 25% of the UK undergraduate student population by 2015.

As a founding member of the Universitas 21 network, we are able to offer fantastic worldwide mobility opportunities to students, as well as facilitating research and teaching collaborations among the network's institutions. The Erasmus Exchange Programme also enables students to study or work in Europe for part of their degree.

Studying at such a thriving international university offers significant benefits to students, giving them the opportunity to meet and work with others from around the globe, enhancing their educational experience and ensuring they're better equipped for an increasingly global world of work.

Our international outlook also offers significant cultural and economic benefits to the city of Nottingham. The voluntary work of overseas students in city schools, major events such as Chinese New Year at our Lakeside Arts Centre and extensive commercial links encouraged between Nottingham and other cities around the world all stem from the University's vibrant international community.

We offer a substantial package of support facilities and services to students. There is a specialised international team who help and advise international students on issues such as immigration, employment, finance, personal/family concerns and academic difficulties. Culture Vulture is an innovative programme which allows students from all over the world to meet, form friendships, share languages and share cultural events.



Students walking over Highfields lake, University Park Campus, Nottingham, UK

Social responsibility

Universities have long had a responsibility to support and enhance their communities whether regional, national or international. Our sense of international responsibility is powerfully expressed across a huge range of initiatives and activities.

We have an extensive range of international scholarships. Celebrating over 10 years of success is the University's flagship scholarship programme, Developing Solutions, which offers one of the most attractive and largest scholarship packages in the UK. Targeted at students from India, Africa and all developing nations of the Commonwealth, the scholarships are aimed at masters level courses in the broad areas of environment, food, health, science and technology – those most likely to enhance progress in developing countries. The programme, which leads the way in university study awards, was established to aid the transfer of vital skills internationally and has recently been extended to incorporate a further 25 full-fee scholarships for study at the University's Malaysia Campus, and in further strengthening links with Africa, scholarships to outstanding Ethiopian researchers.

Our open courseware project, U-NOW and its associated authoring tool, Xerte, ensure that a range of teaching resources are available freely to anyone. Through U-NOW, we are working with Open Educational Resources (OER) Africa to share materials relating to curriculum and pedagogy with African universities.

For our staff, the Developing Futures scheme offers bursaries for staff members to work with a partner institution in the developing world. Projects funded under this initiative are chosen because of their potential to support and enhance the delivery of higher education in the partner institution. The School of Nursing is collaborating with the Aga Khan University in Kenya, Uganda, Tanzania and Zanzibar to develop curriculums, and in India, it is working with seven universities in Andhra Pradesh running faculty development programmes. In Ethiopia, the School of Chemistry has a long standing link with the University of Addis Ababa which focuses specifically on the development and implementation of green chemistry research and teaching.

This type of activity isn't just down to staff. Students also have a role to play. For example, the Department of Architecture and Built Environment recently asked 180 undergraduates to undertake projects to design and build a nursery school in South Africa. After 50 days of construction and over a year of raising money (£75,000 came from the University's Annual Grant Fund) a new pre-school facility in Matlosana was completed.

With vital funding from the University's Cascade Fund a group of students travelled almost 8,000 miles to help the victims of Sri Lanka's civil war rebuild their lives and communities. Through their charity, Future for Jaffna (FFJ), the students helped widows set up their own businesses, enabling them to secure a sustainable income to provide for their families.



Students in the Association cafe, The University of Nottingham Malaysia Campus

Sustaining excellence

Alumni

We have an international network of successful alumni working in positions of influence and authority, who keep their links with the University long after they graduate. The community of over 200,000 is supported by alumni contacts, groups and associations who work tirelessly to bring alumni together in venues all over the world. As well as long established associations in China, Malaysia, Singapore and the US, more than 20 other international networks also exist to support our alumni through various initiatives and serve as global ambassadors to the University. In addition to these networks we also have dedicated members of alumni relations staff working in the UK, China and Malaysia to deliver a range of activities from social networking events to dedicated careers masterclasses.

Looking to the future

We have won prestigious awards for our international achievements including the Queen's Award for Enterprise in the field of international trade, the first time such an award had been bestowed on an academic institution.

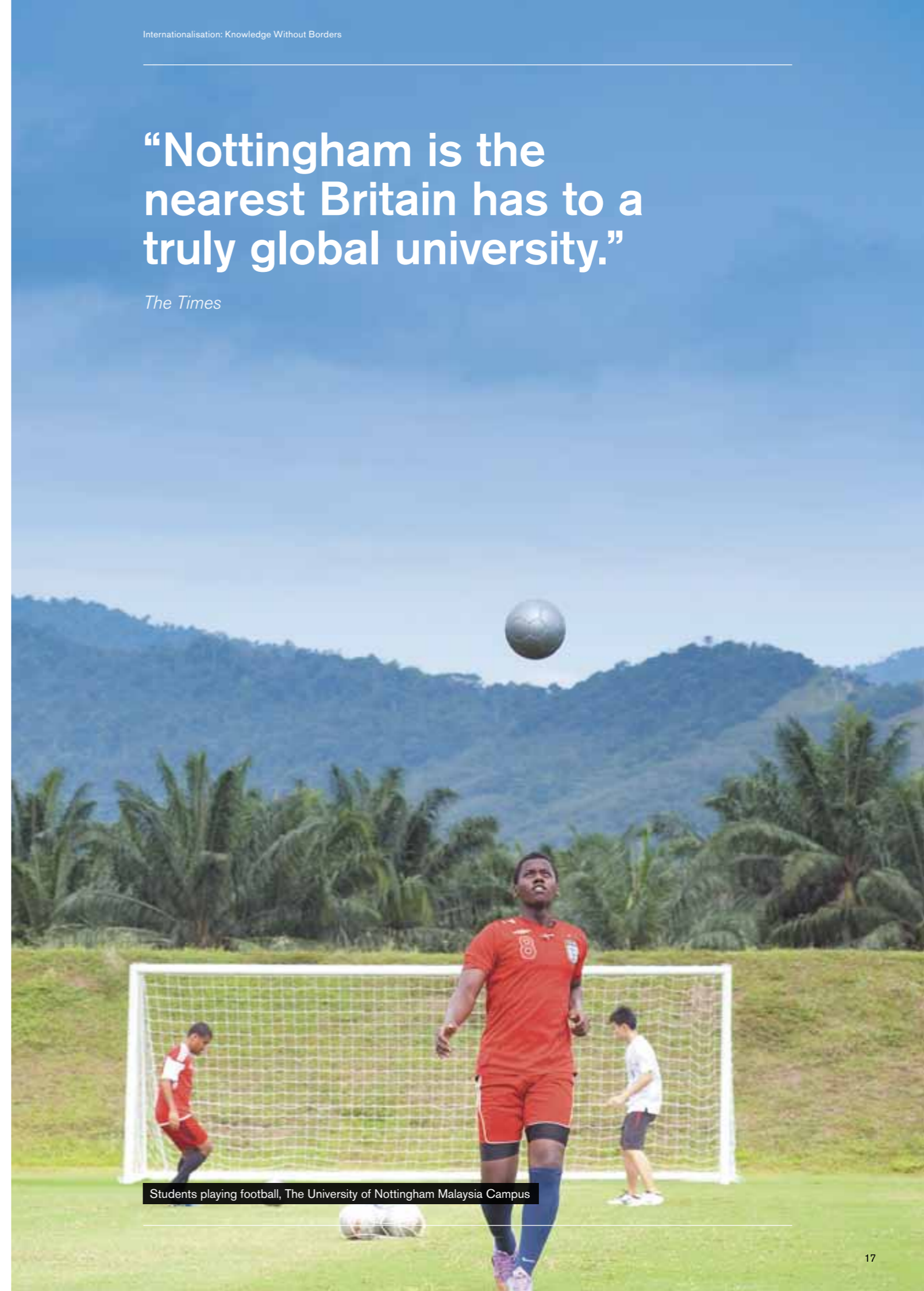
In order to sustain this level of focus on international matters, we are committed to continuing the expansion of teaching and research at our overseas campuses; developing international curricula; extending scholarship provision; developing new innovative international teaching and research partnerships; and continuing to find more opportunities for our students and staff to enjoy a genuinely international experience.

To find out more about internationalisation and international opportunities at The University of Nottingham, visit www.nottingham.ac.uk/international

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“Nottingham is the nearest Britain has to a truly global university.”

The Times



Students playing football, The University of Nottingham Malaysia Campus

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