



**ESSENTIAL
WARWICK**
2017

WARWICK
THE UNIVERSITY OF WARWICK

ABOUT US

Warwick is a leading university, somewhere forward-looking and ambitious, where the starting point is always 'anything is possible'.

We consistently perform strongly in the UK league tables, and we're as respected for boundary-breaking research as for teaching and business collaborations – our pursuit of excellence and intellectual curiosity is tireless. We strive to lead rather than follow and are renowned for our entrepreneurialism and cosmopolitan outlook.



OUR VISION

Our vision is to be a world-class university – one with a dynamic, enterprising approach to solving global challenges; one that enables students to create their place in the world; one that defines the university of tomorrow.

So, what does our future hold? Our current strategy lays out the following goals:

- ▶ Enable our students to succeed
- ▶ Deliver world-class research
- ▶ Secure our global position
- ▶ Engage our communities
- ▶ Champion social, cultural and economic growth
- ▶ Secure our future sustainability.



OUR VALUES

- ▶ **Pursuit of excellence** – excellence is a given, we strive to be the best – and to do even better next time – across our core research and teaching, along with everything that supports what we do.
- ▶ **Ambition and drive** – our success is driven by the desire of our staff and students to challenge convention, create something new, and play their part in shaping the future.
- ▶ **Enterprising** – we're forward-looking, fast-moving, flexible and free-thinking, quick to explore ideas, to exploit fresh opportunities and to take well-considered risks.
 - ▶ **Making a difference** – we try to show the world what a modern university can do: delivering a service, solving problems and providing sustainability for the community and global society.
- ▶ **Community** – our lively community encourages and challenges ideas, promotes dignity, respect, health and wellbeing, making Warwick welcoming.
- ▶ **Accessible** – we've always believed in widening participation, in being open, friendly, easy to work with as equal partners and as non-hierarchical as possible.
- ▶ **Global perspective** – our cosmopolitan outlook and identity enrich our thinking and inform our quest for global relevance and world-class impact.
- ▶ **Independence** – we are self-sufficient, unafraid to upset the status quo, to redefine academic parameters and satisfy our appetite for exploration, innovation and leadership.



OUR PEOPLE

Total number of students		25,615
including	Undergraduate	14,967
	Postgraduate	9,398
UK/EU		17,471
Overseas (non-UK/EU)		6,894

Full-time undergraduate admissions, October 2016	
Applicants	37,268
Entrants	5,026

Faculty populations (as % of total student numbers)	
Arts	12.14%
85% undergraduates, 15% postgraduates	
Science	36.48%
67% undergraduates, 33% postgraduates	
Social Sciences	44.44%
52% undergraduates, 48% postgraduates	
Medicine	6.44%
49% undergraduates, 51% postgraduates	

Total number of staff		6,294
including	Academic/Research/Teaching	2,433
	Professional and Support	3,861
Non-UK nationality		1,021

FINANCE

Turnover (2015-16)	£573.6 m
Academic fees and support grants	£275.2 m
including:	
UK/EU student fees	£127.5 m
International student fees	£127.5 m
Other course fees and support grants	£20.2 m
HEFCE Teaching grant	£12.9 m
HEFCE Research grant	£34.9 m
Research grants and contracts	£117.1 m
Other operating income (including operating income, catering, conferences and management training centres)	£117 m
Specific grants from Government and deferred capital grants released	£10.1 m

RESEARCH

We're one of the UK's leading research universities and the quality and impact of our research is reflected in our rankings. We performed strongly in the Government's Research Excellence Framework (REF) 2014:

- ▶ Warwick ranked 7th overall in the UK (based on multi-faculty institutions).
- ▶ Four of our departments are ranked as the leading academic department for outputs (publications) in the country.
- ▶ 87% of our research is 'world-leading' (3*) or 'internationally excellent' (4*).
- ▶ 19 departments are in the top ten in the UK in their unit of assessment based on outputs.

Warwick's intensity also achieved a top ten ranking, signifying the strength of our exceptional research staff.

Setting Global Research Priorities

Responding through research to global challenges, our Global Research Priorities focus our world-class, multidisciplinary research on key areas of international significance and bring together scholarly expertise from across faculties and departments.

Our current Global Research Priorities are:

Behavioural Science;
Connecting Cultures;
Cyber Security; Energy;
Food; Global Governance;
Innovative Manufacturing;
International Development;
Materials; Science and
Technology for Health;
and Sustainable Cities.



HPC Midlands Plus - High Performance Computing Centre

Warwick researchers will benefit from a centre of excellence in high performance computing (HPC), following a £3.2m award from the EPSRC to The Midlands Innovation group of universities. HPC is used to undertake complex simulations, processing vast quantities of data to find solutions to challenging problems. It can lead to breakthroughs in areas including engineering, healthcare and energy. The Centre will maximise research and innovation opportunities faster and more cheaply than ever before. It will also support projects in nanomaterial design, quantum technologies and fluid dynamics.

Testing driverless pods

WMG at the University of Warwick is using a high-resolution laser scan of 30 miles of Coventry roads to test driverless Pods in a research programme called INnovative Testing of Autonomous Control

Techniques (INTACT). Funded by Innovate UK, the project will enable Coventry-based RDM Group - the UK's only designer and manufacturer of driverless Pods - to test its vehicles on one of the world's most advanced virtual reality driving simulators at WMG. The simulator will become a centrepiece in Warwick's new £150m National Automotive Innovation Centre (NAIC).

Improving autism support

Researchers in the Centre for Educational Development and Research (CEDAR) are involved in a ground-breaking new study aiming to improve support for families affected by autism. The trial, funded by autism research charity Autistica, will test whether offering a specially adapted version of Incredible Years (an existing parent support programme) as soon as their child is diagnosed, can result in long-term benefits in quality of life for children and adults with autism, as well as their families and carers.

Making solar power safer

Warwick scientists have made a breakthrough in solar power

that could make it a cheaper, safer and more commercially viable source of energy. Our researchers found that solar cells can be made using tin, instead of lead, making them more adaptable and simpler to produce. They discovered the cells were far more stable than previously thought, and the removal of lead, with its well-known toxicity, could see solar power being used more widely in everyday life.

BBA Shakespeare - celebrating diversity in classical theatre

Our academics are mapping the history of non-white actors' and directors' growing role in British cultural life over several generations in a major AHRC-funded project - British Black and Asian Shakespeare (BBA Shakespeare).

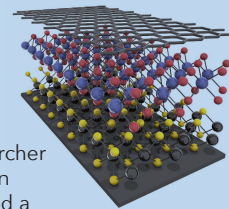
Researchers have compiled a BBA Shakespeare Performance Database which documents nearly 1,200 productions of Shakespeare since 1930. The resource tracks casting patterns, celebrating inclusive classical productions while providing a basis for understanding

how cultural stereotypes have sometimes inhibited parity in classical theatre.

'Wonder' materials set to revolutionise our gadgets

Physics researcher Dr Neil Wilson has developed a technique to measure the electronic structures of stacks of atomically thin, highly conductive and extremely strong 2D 'wonder' materials.

Multiple stacked layers of 2D materials - heterostructures - create highly-efficient optoelectronic devices with ultrafast electrical charge, which can be used in nano-circuits. Working with colleagues from the US and Italy, Dr Wilson created various heterostructures using different materials; stacking different combinations creates new materials with new properties. This exciting research paves the way for the development of highly efficient nano-circuitry, and smaller, more flexible gadgets.





OUR GLOBAL PROFILE

International Foundation Programme (IFP) – Offers over 250 international students access to Warwick and other prestigious UK universities.

Study Abroad – We encourage our students to spend time overseas with a work/voluntary placement, or a study abroad opportunity at one of our 200+ partner institutions in one of 40 countries.

Outgoing students **554**
Incoming students **643**

Warwick in California – We're taking forward a partnership with the University Development Foundation to develop teaching and research, and a physical presence, for Warwick in California.

Non-UK students:
9,325

including:

- ▶ undergraduates **2,595**
- ▶ postgraduates **4,299**

Non-UK alumni:
70,532 living in 192 countries

41.9% of our **2,433** research and/or teaching staff have non-UK nationality.

Monash Warwick Alliance – this award-winning Alliance forges strong ties between our two ambitious universities and empowers us to tackle global problems. The Alliance is delivering joint and double degrees, developing and sharing learning resources and growing complementary research strengths, skills and capabilities.

Strategic Global Partnerships – we are continuing to develop new international partnerships. All of our activities are underpinned by excellence, be it in teaching or research. Our international partnership funds support our staff to foster such international collaborations.

Warwick in Venice – our full-time base in Venice, the Palazzo Pesaro Papafava, provides opportunities for teaching, research and partnership activity.

'Go Global' – our students have a real chance to stand out in the international world of work and research, gain a global perspective and develop the intercultural skills to be a truly positive force in today's global society. Students can choose to take part in several initiatives including language cafés; mixed nationality group work; and study, work or volunteering abroad.

Intercultural Training – however they choose to Go Global at Warwick, our innovative programme helps students to develop the critical skills needed to encounter difference without stereotyping and to be able to articulate such skills in a global workplace context.

International Volunteering – through our philanthropically-funded Warwick in Africa and Warwick Laksh programmes, Warwick students support maths and English teaching in schools in South Africa, Tanzania and Ghana and in New Delhi, India.



www.warwick.ac.uk/international/ofge

LIFELONG LEARNING:

- ▶ 45 students on the Warwick Gateway to HE: Social Studies over the year.
- ▶ 251 students on 2+2 Degrees (full-time, offered in conjunction with local colleges).
- ▶ 202 students studying on the Foundation Degree programme.
- ▶ 75 students on our Part-Time Degree programme.
- ▶ Short course programme attracts over 300 registrations over the year.
- ▶ 217 students on the Initial Teacher programme - FE and Skills Sector.
- ▶ 35 students on our BA Hons top-up degrees.

WIDENING PARTICIPATION, IMPROVING ACCESS

We're committed to enhancing access to higher education for all those who aspire to study at university, regardless of background, and to ensuring that Warwick's student body is representative of our local and wider national communities.



Financial support for undergraduates – we offer generous financial support through bursaries and scholarships, including the Warwick Scholars Programme.

Enhanced outreach – supporting disadvantaged and talented students to achieve their potential and progress to higher education through a wide range of targeted programmes, summer schools and mentoring.

Partnerships – working with local authorities, schools and colleges, to widen participation of the hardest-to-reach and those least likely to enter higher education, including projects supporting looked-after children.

Raising achievement – supporting A level work and teacher CPD through wide-ranging academic provision with schools and colleges.

Harnessing potential – two innovative schemes, UniTracks and Sutton Scholars, support highly able students aged 12-18 to achieve their potential and enter the most selective higher education courses.

Access to the Professions – supporting access to Banking and Law through two schemes aimed at students aged 14-18, providing opportunities to learn about the study and practice of these professions and gain valuable work experience.

Collaboration – working with 15 leading universities through the national Realising Opportunities programme, to promote fair access and social mobility of students from under-represented groups, aged 16-18.

Innovation – we've launched a new Foundation Year pathway preparing 25 students for degree level study at our world-leading Warwick Business School.



BUSINESS ENGAGEMENT

Working with business is at the heart of what we do. From our inception, Warwick has always had strong connections with industry. The present is no different.

We apply our innovative, cutting-edge research to industry challenges, working with global corporates to SMEs and local start-ups. Our collaborations include:

- ▶ Providing training for young people not in education, employment or training with **National Grid**.
- ▶ Discovering crop protection and plant biotechnology solutions with **Dow AgroSciences**.
- ▶ Working with **Waitrose** to tackle global food security.

- ▶ Seeking solutions to some of the most important chronic diseases worldwide with **GE Healthcare**.
- ▶ The building of the National Automotive Innovation Centre with partners **Jaguar Land Rover**, **Tata Motors**, **European Technical Centre** and **WMG**, at the University.
- ▶ Developing the world's first ibuprofen pain relief patch and launching spin-out company **Medherant** based on our research and a productive relationship with **Bostik**.

We're epitomising our approach to working with industry, as well as our commitment to supporting economic growth in our region, with the vision for the development of a new Innovation Campus at Wellesbourne. We're creating a centre optimised for true collaborative

working, with inspirational businesses invited to join us at the Campus to develop a suite of knowledge-intensive activities.

Broadening our connections, **Warwick Business School** has opened a base at The Shard in London, making its world-renowned research and executive education even more accessible to the UK capital. **Warwick Conferences** has expanded its first-class conference and training venues by adding a new 650 sq m venue on campus. **The University of Warwick Science Park** has 130 tenant companies employing more than 2,900 staff, and provides facilities for start-ups and established companies. It also manages the Minerva Business Angel Network, and the European Structural and Investment Funds (ESIF)/Warwickshire County Council-supported Business Ready programme.



www.warwick.ac.uk/business

REGIONAL AND COMMUNITY ENGAGEMENT

Our impact stretches far beyond the boundaries of our campus, and we engage positively with stakeholders across Coventry and Warwickshire and the wider West Midlands.

Economic

Our regional impact study shows that in 2014/15 we generated £1bn GVA a year to the regional economy and supported 17,900 jobs across the West Midlands. We're working hard to play our part in the economic development of the region and we're active in the Coventry and Warwickshire Local Enterprise Partnership.

Educational

We work with hundreds of primary and secondary schools, encouraging young people (especially from less advantaged communities) to consider higher education; and through teacher training partnerships, arts projects and campus visits.

Following the success of our WMG Academy for Young Engineers in Coventry we've opened another in Solihull, equipping even more of the region's students with technical skills for employment or

Higher Education through an innovative learning environment.

Our new WMG Applied Engineering Programme enables higher apprentices to study for a degree whilst working, and our longstanding partnership with National Grid provides training for young people in the region who are not in education, employment or training (NEETs) to help them into work.

Cultural/Social

We work in partnership with our local authorities on many projects - we were commissioned to write the ten-year cultural strategy for Coventry City Council and are a principal partner supporting Coventry's bid to become the UK City of Culture 2021. We're also working closely with Warwickshire County Council to support the Warwickshire stage of the 2017 Women's Cycling Tour.

Warwick Arts Centre is one of the biggest outside London. We welcomed more than a million people last year to a wealth of theatre, dance, music, comedy, and visual arts events, and over 9,000 local people enjoyed our free family weekend.

Our 5* campus sports facilities are used extensively by local schools, clubs and individuals, and we regularly host major national and international sports events.

Almost 3,000 of our students are registered with our volunteering network, Warwick Volunteers, to give their time to local schools and community groups.

Our staff contribute their expertise and professional skills to a variety of local strategic partnerships and education, health and cultural bodies.



www.warwick.ac.uk/community

GRADUATE EMPLOYMENT

- ▶ Our graduates are the most often targeted by the UK's top graduate employers.*
- ▶ In the QS World University Rankings, Warwick is ranked in the top 20 in the world for employer reputation.**

Of our 2014/15 graduates who were available for work:

Course graduated from	% in work, further study or both
First degree	93%
Postgraduate taught	96%
Postgraduate research	95%

(Home and EU, full- and part-time students)***

Student Careers & Skills

We want our students to become successful scholars and employable graduates. We provide 1:1 advice, skills workshops tailored to undergraduate, Master's and research students, access to job vacancies and opportunities to meet employers on campus. We continue offering careers support after graduation.

We offer innovative ways to gain experience – students

can get involved in our active volunteering programme, Warwick Volunteers; apply for undergraduate research bursaries; and access thousands of on- and off-campus work experience opportunities.

We also help students pull together their experiences and tell their unique story with confidence in applications and interviews, assisted by our online MyPortfolio tool.

* Graduate Market 2017, research conducted by High Fliers Research

** QS World University Rankings 2016/17

*** Based on respondents to the Destinations of Leavers from Higher Education survey, carried out six months after successful completion



ENVIRONMENT

Environmental Sustainability is a core value of the University. Our holistic ambition is to make the University of Warwick a leader in sustainability education and an example of sustainable living enhancing both the student and staff experience. We've already taken the following steps towards making the campus greener:

- ▶ Reducing carbon emissions per unit of income by 30% since 2005/6. Constant work to improve the energy efficiency of the existing buildings on campus, and high energy-efficiency standards for new buildings.
- ▶ Establishing a tax efficient cycle-to-work scheme for staff and implementing a car-sharing initiative for staff and students, as well as engaging in sustainability awareness activities with staff, students and the wider community.
- ▶ Continued management of the campus in an environmentally sensitive manner, seeking to protect and enhance local natural habitats and biodiversity, reduce water usage and increase recycling.

Our Estates Office environmental practices have been certified as complying with ISO 14001 by ISOQAR, an internationally-recognised certification body. This recognises Estates activities relating to energy and sustainability, construction projects, facilities and maintenance of the campus environment.



PRINCIPAL OFFICERS OF THE UNIVERSITY

Chancellor

Baroness Catherine Ashton
of Upholland GCMG

Pro-Chancellors

Sir George Cox
(until 31 July 2017)
Ms Viki Cooke
Sir David Normington
(from 1 August 2017)

Treasurer

Mr Keith Bedell-Pearce CBE

Vice-Chancellor and President

Professor Stuart Croft

Provost

Professor Christine Ennew OBE

Registrar and Chief Operating Officer

Ms Rachel Sandby-Thomas CB

Group Finance Director

Ms Rosie Drinkwater

Pro-Vice-Chancellors

Professor Chris Hughes
Professor Simon Swain
Professor Pam Thomas

Academic Vice-Presidents

Professor Jan Palmowski
Professor Lawrence Young





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