



# Essential Warwick 2016

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

<b>Total number of students</b>		<b>24,683</b>
including	Undergraduate	13,864
	Postgraduate	9,540
Non-UK		9,363
<b>Full-time undergraduate admissions, October 2015</b>		
Applicants		33,640
Intake		4,726
<b>Faculty populations (as % of total student numbers)</b>		
Arts 85% undergraduates, 15% postgraduates		13%
Science 65% undergraduates, 35% postgraduates		35%
Social Sciences 50% undergraduates, 50% postgraduates		46%
Medicine 45% undergraduates, 55% postgraduates		6%
<b>Total number of staff</b>		<b>5,926</b>
including	Academic/Research/Teaching	2,318
	Professional and Support	3,608
Non-UK nationality		1,303

## Finance

Turnover (2014-15)	£512.8 m
Academic fees and support grants	£240.1 m
including:	
UK/EU student fees	£111.5 m
International student fees	£106.7 m
Other course fees and support grants	£21.9 m
HEFCE Teaching grant	£15.3 m
HEFCE Research grant	£34.2 m
Research grants and contracts	£100.8 m
Other operating income (including operating income, catering, conferences and management training centres)	£110 m
Specific grants from Government and deferred capital grants released	£9.6 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.

### Setting Global Research Priorities

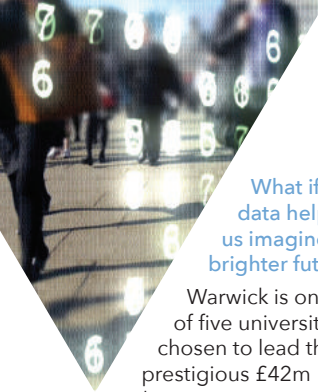
Responding through research to global challenges, our Global Research Priorities focus our world-class, multidisciplinary research on key areas of international significance and bring together scholarly expertise from across faculties and departments.

### Warwick's 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.

 [www.warwick.ac.uk/grp](http://www.warwick.ac.uk/grp)

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



### What if big data helped us imagine a brighter future?

Warwick is one of five universities chosen to lead the prestigious £42m Alan Turing Institute for Data Science. Our world-class researchers from Mathematical Sciences are helping the Institute to meet society's toughest challenges, and strengthen the links between academia and technology industries, making the UK a world leader in big data.

### Testing driverless pods

WMG (Warwick Manufacturing Group) is using a high-resolution laser scan of 30 miles of Coventry roads to test driverless pods. Funded by Innovate UK, the INnovative Testing of Autonomous Control Techniques (INTACT) research 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. Currently situated in the International Manufacturing Centre, the simulator will become a centrepiece in Warwick's new £150m National Automotive Innovation Centre (NAIC) on its completion in 2017.

### Migration in Europe

Our social scientists are conducting an ESRC-funded research project on the current migratory situation in Europe. The team is speaking to refugees and migrants in an attempt to understand better the journeys they have made across the Mediterranean Sea. The project focuses on three EU arrival points in Greece, Italy and Malta and aims to assist EU leaders in improving policy, and to provide valuable information for charities and other organisations, helping to shape the international response to an issue of ongoing importance.

### BBA Shakespeare - celebrating diversity in classical theatre

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

### Searching for Earth-like worlds

Physics Professor Don Pollacco is leading the PLATO Science consortium, a major European research collaboration aiming to discover potentially habitable Earth-like exoplanets orbiting stars

similar to our Sun. The European Space Agency chose PLATO - PLANetary Transits and Oscillations of Stars - for its mission which will launch in 2024. The pioneering six-year mission will observe one million stars, leading to the likely discovery of thousands of new planets, some of which will be orbiting in the life-sustaining 'habitable' zone.

### Pain-relief patch

Our researchers have created the world's first ibuprofen patch, delivering the drug directly through the skin at a consistent dose rate for up to 12 hours. This opens the way for the development of novel long-acting, over-the-counter pain relief products. The technology was developed by a University of Warwick research chemist for Medherant, a bioadhesives company based at the University of Warwick Science Park. The company hopes to have the first patches on the market within two years.



## Our global profile

Non-UK students **9,363**  
including:  
▶ undergraduates **3,931**  
▶ postgraduates **5,432**  
Non-UK alumni **65,940**  
living in **192** countries

**41%** of our 2,318 research and/or teaching staff have non-UK nationality.

**International Foundation Programme (IFP)** - offers over 250 international students access to prestigious UK universities.

### Study Abroad

Outgoing students **530**  
Incoming students **525**

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.

**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.

**CUSP** - Building on the success of the Center for Urban Science and Progress (CUSP) in New York, Warwick and King's College London, in partnership with New York University, are to launch CUSP London, applying urban science to improving public health and wellbeing.

**Monash Warwick Alliance** - The innovative Alliance between Warwick and Monash University in Australia is shaping a new model for research-led institutions to meet the global challenges of the 21st century. The Alliance is delivering joint and double degrees, developing and sharing learning resources and growing complementary research strengths, skills and capabilities.

**Strategic International Partnerships** - Warwick's International Partnership Funds have supported collaborations in key developed and emerging research economies including China, Brazil, Indonesia, South Korea, Singapore, India, and USA.

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

**'Go Global'** - We encourage all our students to develop a global perspective through initiatives including language cafés, mixed nationality group work, and community volunteering, as well as an intercultural reflection programme.

**International Volunteering** - Our students are making a difference through numerous volunteering programmes, including one in India. Through our philanthropically-funded Warwick in Africa programme, we support maths and English teaching in schools in South Africa, Tanzania and Ghana.

**International Gateway for Gifted Youth (IGGY)** - Our collaborative international learning and social community connects high ability 13-18 year olds and helps them to reach their full potential. IGGY has around 3,000 members from more than 40 countries.

# Widening participation, improving access

23 students on the **Warwick Gateway to HE: Social Studies** programme.

210 students on **2+2 Degrees** (full-time, offered in conjunction with local colleges).

176 students studying for **Foundation Degrees**.

118 students on the **Part-Time Degree** programme (including BA Hons top-ups from Foundation Degrees).

**Certificate and short course** programme attracting over 303 registrations.

255 students on the Initial Teacher programme – Lifelong Learning Sector.

13 students on the **Gateway to PG** programme.

 [www.warwick.ac.uk/cll](http://www.warwick.ac.uk/cll)

**Financial support for undergraduates** – Warwick has generous financial support for students through bursaries and scholarships.

**Enhanced outreach** – we're supporting disadvantaged and talented students to achieve their potential and progress to higher education through summer schools and mentoring.

**Partnerships** – we're 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.

**Warwick Sutton Scholars** – a new exciting two-year programme for students aged 12-14, raising aspirations and achievement, supported by the Sutton Trust.

**UniTracks** – our innovative national scheme supporting highly able students aged 14-18 to achieve their potential and enter the most selective higher education courses.

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

**Collaboration** – we're one of 15 leading universities working together, 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.

'Thinking about University?' – our award-winning website offering unique information, advice and guidance to students, parents and teachers.

 [www.warwick.ac.uk/outreach](http://www.warwick.ac.uk/outreach)





## Business

We were one of the first universities to break out of the 'ivory tower' and realise the benefits of connecting academia with industry. Right from the start, we've worked with thousands of successful companies, from global corporates to SMEs and local start-ups. The scope of our expertise means our business partners are rewarded with connected solutions across the entirety of our institution.

### Leading the way on business and research.

We apply our innovative, cutting-edge research to businesses, setting them apart. We provide collaborative opportunities through our Global Research Priorities programme, and our world-class

academic departments have industry links with markets including automotive, advanced manufacturing, food, pharmaceuticals and life sciences, healthcare, IT, telecomms and financial services. We also offer businesses access to our outstanding research equipment through dedicated Research Technology Platforms.

**WMG (Warwick Manufacturing Group)** is building the National Automotive Innovation Centre (NAIC). The largest centre of its kind, NAIC will enable academic and industrial teams to work together to develop breakthroughs in the automotive industry. Focusing on the engineers of the future, the WMG Academy for Young Engineers provides an innovative learning environment equipping students with technical skills for either employment or Higher Education.

**Warwick Business School's** MBA has been ranked number one in the UK by *The Economist*. It also recently opened a base at the Shard in London, making its world-renowned research and executive education even more accessible to the capital's thriving business community.

**The University of Warwick Science Park** has over 500,000 sq ft of flexible space across Coventry, Warwick and Solihull ideal for businesses looking for office locations, access to investment sources and support and mentoring for start-ups.

**Warwick Conferences** is expanding its first-class conference and training facilities on campus, adding a contemporary 650 sq m new venue set amongst beautiful lakeside scenery.

 [www.warwick.ac.uk/business](http://www.warwick.ac.uk/business)

# Community Engagement

## Economic

An externally-commissioned study on our regional impact showed that we contribute around £520m a year to the regional economy and support 15,500 jobs across the West Midlands. We provide a wide range of services to local businesses, including research and development, consultancy, continuing professional development, training and conference facilities.

Our Science Park has 123 tenant companies employing more than 2,500 staff; it provides facilities for start-ups and established companies, as well as business growth services to firms within and outside the Park.

We're also active in the Coventry and Warwickshire Local Enterprise Partnership, and its various business groups.

## 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. In autumn 2015, we welcomed over 8,400 visitors to campus over two days of events showcasing Warwick in a 'Festival of the Imagination', which included a dedicated Schools' Day.

The WMG Academy in Coventry, which opened its doors to over 230 students in 2014, is already a huge success, providing a radical learning and teaching environment for 14-19-year-olds from the local area, focusing on engineering, ICT and digital technologies. A second WMG Academy will be opening in Solihull in September 2016.

Our Centre for Lifelong Learning caters for local adult learners with a diverse range of short courses, degree and postgraduate programmes, and professional development courses.

## Cultural/Social

Warwick Arts Centre is one of the biggest outside London, attracting an estimated 750,000 people a year to around 1,250 different theatre, dance, music, comedy, and visual arts events.

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

More than 2,300 of our students are registered with the our volunteering network, Warwick Volunteers, and many of them give their

time to help local schools and community groups. In 2014/15 our students undertook over 32,000 hours of volunteering within our local communities.

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



# Graduate Employment

**Our graduates are the third 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\*\*.

**Students graduating with first degrees, 2014:**

Of those available for work, 92% were working, in further study or both.

**Students graduating with higher degrees, 2014:**

Of those available for work, 96% were working, in further study or both. (Home and EU, full- and part-time students)\*\*\*

## Student Careers & Skills

We want our students to become successful scholars and employable graduates, so 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, using our online vacancy portal, myAdvantage.

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 2016, research conducted by High Fliers Research

\*\* QS World University Rankings 2015/16

\*\*\* Destination of Leavers from Higher Education survey, carried out six months after graduation

 [www.warwick.ac.uk/careersandskills](http://www.warwick.ac.uk/careersandskills)



# Environment

We acknowledge a responsibility for, and a commitment to, the protection of the environment at all levels. We're determined to make the campus into a genuine green icon and a living laboratory for low carbon adaptation. We've already taken the following steps towards the greening of the campus:

- ▶ Reducing carbon emissions per unit of income by 38% 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 our activities relating to energy and sustainability, construction projects, and maintaining the campus environment.

 [www.warwick.ac.uk/environment](http://www.warwick.ac.uk/environment)

# Principal Officers of the University

## Chancellor

Sir Richard Lambert

## Pro-Chancellor

Sir George Cox

## Treasurer

Mr Keith Bedell-Pearce

## Vice-Chancellor and President

Professor Stuart Croft

## Provost

Professor Christine Ennew  
(from 1 August 2016)

## Registrar and Chief Operating Officer

Mr Ken Sloan  
(to 31 August 2016)

## Group Finance Director

Ms Rosie Drinkwater

## Pro-Vice-Chancellors

Professor Christina Hughes  
Professor Tim Jones  
Professor Jan Palmowski  
Professor Simon Swain  
Professor Pam Thomas  
Professor Lawrence Young

## Academic Vice-President (Monash Warwick Alliance)

Professor Andrew Coats



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