

= University of Surrey =

The University of Surrey is a public research university located within the county town of Guildford , Surrey , in the South East of England , United Kingdom . The university specialises in science , engineering , medicine and business . It received its charter on 9 September 1966 , and was previously situated near Battersea Park in south @-@ west London . The institution was known as Battersea College of Technology before gaining university status . Its roots , however , go back to the Battersea Polytechnic Institute , founded in 1891 to provide further and higher education for London 's poorer inhabitants .

The university conducts research on small satellites and has a high number of staff who are members of learned societies . The university has recently expanded into China by launching the Surrey International Institute with Dongbei University of Finance and Economics .

The university 's main campus is located on Stag Hill close to the centre of Guildford and adjacent to Guildford Cathedral . A second campus , at Manor Park , is located a short distance away and has been developed to expand upon existing accommodation , academic buildings and sporting facilities .

The university is a major centre for satellite and mobile communications research . In March 2014 , the British Prime Minister David Cameron announced a partnership between the University of Surrey , King 's College London and the University of Dresden for the development of 5G technology . The university is a member of the Association of MBAs , the European University Association and Association of Commonwealth Universities . The university is one of only eight universities to be ranked within the top 10 of all three major national league tables for 2016 . According to the figures revealed by the Higher Education Statistics Agency 2013 / 14 , the University of Surrey has the fourth highest percentage of graduates entering employment and / or further study within six months of graduation at 96 @.@ 9 % (behind Lancaster University , Robert Gordon University and Arts University Bournemouth) ? higher than the University of Oxford (92 @.@ 6 %) and the University of Cambridge (95 @.@ 2 %) .

The university has 10 Fellows of the Royal Society , 21 Fellows of the Royal Academy of Engineering , one Fellow of the British Academy and 6 Fellows of the Academy of Social Sciences .

= = History = =

= = = Battersea Polytechnic Institute = = =

The University of Surrey was preceded by the Battersea Polytechnic Institute which was founded in 1891 and admitted its first students in 1894 . Its aims were to provide greater access to further and higher education for some of the " poorer inhabitants " of London .

In 1901 , Evening Classes consisted of some of the following ; Mechanical Engineering and Building , Electrical Engineering , Chemical and other Trades , Physics and Natural Science , Maths , Languages , and Commercial subjects , Music . Special classes for Women in Domestic Economy subjects . Day Classes in Art , Science , Women 's subjects and Gymnastics . Classes in preparation for University and Professional Examinations . Also . Science day School for Boys and Girls , Commercial School for Girls , Training School for Domestic Economy and Training for Teachers .

The Institute focused on science and technology subjects , and from about 1920 taught some classes for University of London students . The Institute awarded University of London external degrees .

= = = Battersea College of Technology = = =

In 1956 , the Institute was among the first to receive the designation " College of Advanced Technology " and was renamed Battersea College of Technology . By the beginning of the sixties ,

the College had virtually outgrown its building in Battersea and had decided to move to Guildford . In addition to this , the Robbins Report of 1963 proposed that the Colleges of Advanced Technology , including Battersea , should expand and become degree @-@ awarding universities .

In 1965 , the university @-@ designate acquired a greenfield site in Guildford from Guildford Cathedral , Guildford Borough Council and the Onslow Village Trust .

= = = University = = =

On 9 September 1966 the University of Surrey was established by Royal Charter and by 1970 the move from Battersea to Guildford was complete .

Early visitors to the new campus were Led Zeppelin , who performed their very first gig at the university on 25 October 1968 .

Between 1982 and 2008 , the university became the trustee of the building of the Guildford Institute , using parts of the building for its adult education programme and providing a university presence in the heart of Guildford . The Assessment and Qualifications Alliance (formerly Associated Examining Board) moved from Aldershot to its own headquarters building on the Stag Hill campus in 1985 .

The university marked its Silver Jubilee in 1991 , an event celebrated by the publishing of Surrey ? The Rise of a Modern University by Roy Douglas and by a Service of Thanksgiving in Guildford Cathedral attended by HM The Queen in March 1992 .

The university celebrated its 35th anniversary year in May 2002 with a major event in Guildford Cathedral . It was also marked by the unveiling of the Surrey Scholar sculpture (by Allan Sly FBS) to mark the Golden Jubilee of Her Majesty The Queen and as a gift to the people of Guildford . The Surrey Scholar is located at the bottom of Guildford High Street . Understanding the Real World , a visual history of the university , by Christopher Pick , was published to coincide with this anniversary .

In 2007 , the university saw a major increase in overall applications by 39 % compared with the previous year . This was followed by a further increase in applications of 12 % in 2008 .

In October 2008 , the university lost out to Royal Holloway in a bid to merge with London medical institute St George 's , University of London .

From September 2009 , the Guildford School of Acting became a subsidiary of the university and relocated from Guildford town centre to the university campus .

= = = Governance = = =

On 1 July 2005 , Sir Christopher Snowden became Surrey 's fourth Vice @-@ Chancellor and Chief Executive . Like his predecessors Dowling and Kelly , Snowden is a Fellow of the Royal Society . Sir Christopher stepped down in March 2015 to take up the Vice @-@ Chancellorship at the University of Southampton .

On 3 December 2015 it was announced that Professor G.Q. Max Lu would become the University 's fifth President and Vice @-@ Chancellor , taking up his appointment in April 2016 .

= = Campus = =

The university moved in 1968 to a new 30 ha (74 @-@ acre) site on Stag Hill in Guildford , adjacent to Guildford Cathedral . A further 90 ha (222 acres) allocated to the university remained undeveloped until 2005 . The new Manor Park campus , designed as a car @-@ free village , is 1 @-@ 6 kilometres (1 mi) from the Stag Hill campus and on the other side of the A3 trunk road . It combines residences for students and staff , buildings for research and teaching , and sporting facilities .

The BBC 's local radio station for Surrey and North @-@ East Hampshire , BBC Surrey , has its studios on the campus . In addition the university has a student @-@ run medium wave radio station , Stag Radio .

In November 2007 , the university was given planning permission to build the Surrey Multifaith

Centre . This will be the first building in Britain to have a Synagogue , Muslim Prayer Hall , Gurdwara and Chapel built separately under one roof .

On 8 July 2009 , a temporary Amigo convenience store opened in the BB Building on the campus , replacing the previous One Stop store which was situated near the library . The new store is operated by the Compass Group , and will see the University enjoy ' guaranteed rental income and share of turnover ' . The project is part of wider work which saw a new building , housing a larger shop and library extension , which opened on the One Stop site in April 2011 .

In September 2009 , the Guildford School of Acting moved into a new purpose built facility on the main Stag Hill campus as part of a strategic merger between the two organisations . The old Sports Centre has been converted into the Ivy Arts Centre , a performing arts facility housing a 200 @-@ seat theatre and studio and workshop space .

A £ 35 million research centre for the development of the first worldwide 5G network was scheduled to open in February 2015 .

= = = Surrey Sports Park = = =

In April 2010 , a £ 35 million new sports centre named the Surrey Sports Park opened .

The Surrey Sports Park is situated close to the main university campus on its Manor Park site . It houses a 50 @-@ metre Olympic @-@ size swimming pool , three multi @-@ sports halls , a squash centre , 700 square metres of fitness facilities , two artificial floodlit pitches , outdoor and indoor tennis courts , four real tennis courts and a climbing centre .

The 1 @, @ 000 seat indoor arena is home to Guildford Heat basketball team , who have been using the venue since 2010 following a move from their previous home at the Guildford Spectrum . Heat are one of the leading teams and former winners of the British Basketball League , the country 's top division .

It played host to all but 4 matches of the 2010 Women 's Rugby World Cup (the semi finals , 3rd place play off and final were held at the Twickenham Stoop) . It is also the official training facility for Harlequins rugby club , with plans to add a private gym for the club in addition to the already available facilities .

It will also be the home ground of UniS Old Boys F.C. , a football team for alumni of the university , which competes in the Surrey County Intermediate League (Western) , at the 12th level of the English football league system .

Surrey University participates in an annual sports festival called the Varsity Games . The university competes against other institutions such as Royal Holloway , University of London and Kingston University . Over the years , there has been stiff competition between Surrey and Kingston for the Varsity Cup , that has made both universities arch @-@ rivals at the Games .

= = Organisation = =

The academic activities of the university are divided into the following three faculties :

= = Academic profile = =

= = = Research = = =

The university conducts extensive research on small satellites , with its Surrey Space Centre and spin @-@ off commercial company , Surrey Satellite Technology Ltd . In the 2001 Research Assessment Exercise , the University of Surrey received a 5 * rating in the categories of " Sociology " , " Other Studies and Professions Allied to Medicine " , and " Electrical and Electronic Engineering " and a 5 rating in the categories of " Psychology " , " Physics " , " Applied Mathematics " , " Statistics and Operational Research " , " European Studies " , and " Russian , Slavonic and East European Languages " .

The new 5G Innovation Centre (5GIC) at the University of Surrey has gained over £ 40m support from international telecommunications companies including Aeroflex , AIRCOM International , BBC , BT Group , EE (telecommunications company) , Fujitsu Laboratories of Europe , Huawei , Ofcom , Rohde & Schwarz , Samsung , Telefonica and Vodafone ? and a further £ 11.6m from the Higher Education Funding Council for England (HEFCE) .

The Centre will provide industry with a world @-@ leading real @-@ time experimental facility for testing and optimising advanced technologies , underpinning the development of the new mobile broadband internet products and services . This will give Surrey the opportunity to be a major influence in critical standardisation and radio regulatory bodies in the emerging 5G arena .

Professor Rahim Tafazolli , Director of the 5GIC , said , ? By bringing together leading academics with heavyweight industry partners , I believe we can develop the technologies required for the future .

In addition , the Surrey Research Park is a 28 ha (69 @-@ acre) low density development which is owned and developed by the university , providing large landscaped areas with water features and facilities for over 110 companies engaged in a broad spectrum of research , development and design activities . The university generates the third highest endowment income out of all UK universities " reflecting its commercially @-@ orientated heritage . "

= = = Centre for Communication Systems Research = = =

CCSR at the University of Surrey is the UK 's largest and most well @-@ known academic research centre in Mobile and Satellite Communication Systems . CCSR has a long @-@ standing track record of being a major academic research group in the field of wireless communications within Europe and historically it has a unique research approach on both satellite as well as terrestrial mobile communication systems . The research activities within the group encompass all levels of communication systems , from antennas & propagation , air interfaces , PHY , MAC , networking layer up to the service support platforms and distributed applications and user interfaces . It is a major participant in European Union Information Science and Technology (IST) projects . It has major collaborations in India , China , Korea , Japan and USA as well as several links in the communications industry and UK Catapults . It holds a 100 % graduate employment record . CCSR was selected by industry as a core member of the UK Virtual Centre of Excellence in Mobile and Personal Communications .

Surrey ? s research into the Web of Things has been highlighted as one of the top 10 technology trends for 2014 by the IEEE Computing Society .

= = = Awards = = =

In 1991 the university was granted the Queen 's Award for Export Achievement , and in 1996 it was awarded the Queen 's Anniversary Prize for Higher & Further Education in recognition of the university 's outstanding achievement in satellite engineering and communications , teaching and research by the Centre for Satellite Engineering Research and its associated companies . In 1998 Surrey Satellite Technology Ltd (SSTL) was awarded the Queen 's Award for Technological Achievement . This was presented in person by the Queen on her second visit to the university , accompanied by HRH The Duke of Edinburgh and HRH The Duke of Kent , Chancellor of the University .

More recently the university was awarded the 2002 Queen 's Anniversary Prize for Higher & Further Education , this time for its internationally renowned research and development on optoelectronic devices and ion beam applications . The university has a high number of staff who are academicians of the learned societies : 10 Fellows of the Royal Society , 21 Fellows of the Royal Academy of Engineering , one Fellow of the British Academy and 6 Fellows of the Academy of Social Sciences .

In July 2007 , the university was awarded Fairtrade University status by the Fairtrade Foundation .

In 2011 , the university won the 2011 Queen 's Anniversary Prize for Higher & Further Education , for its research into the fields of safe water and sanitation .

In 2013 , the Electronic Engineering Department of the university won the 2013 Elektra Award University Department of the Year , marking it the most innovative and successful in Europe .

= = = Rankings = = =

The University of Surrey is recognised as one of the leading universities in the United Kingdom and has climbed rapidly in national league tables as of recent years . In the The Sunday Times 10 @-@ year (1998 ? 2007) average ranking of British universities based on consistent league table performance , Surrey was ranked 35th overall in the UK , as of 2016 it now places between 4th and 8th in the three main ranking compilations of universities in the United Kingdom . For the most recent domestic university league tables , the university is ranked 4th overall by The Guardian , 8th overall by the Complete University Guide , 8th overall by the Times and Sunday Times Good University Guide 2016 .

Subjects ranked in the top 10 include Hospitality & Tourism , Law , Electronic Engineering , Food Science , Sociology , Aerospace Engineering , Mechanical Engineering , Civil Engineering , Chemical Engineering , Economics and Psychology . In world rankings , Times Higher Education ranked the university 190th in 2007 .

= = = Educational links = = =

Since its foundation , the university has fostered links with other educational bodies in the local community and region . For example , in recent years it has validated courses at and subsequently accredited Saint Mary 's College (now an independent institution called St Mary 's University College , Twickenham) , Wimbledon School of Art , and Farnborough College of Technology . The university currently validates courses at North East Surrey College of Technology (NESCOT) , Guildford School of Acting , Guildford College of Further & Higher Education , King Edward VII Hospital Department of Staff Development , The Nuclear Department at HMS Sultan , St John 's Seminary , Southern Theological Education & Training Scheme (STETS) , the Pre @-@ Retirement Association and SHL (UK) Ltd .

In 1998 , as a result of the continuing development in the relationship between the university and the nearby Roehampton Institute , it was decided to form an academic federation . In November 1999 , the Privy Council approved the necessary changes to the university 's Charter and Statutes and the Roehampton Institute became The University of Surrey Roehampton at the beginning of 2000 . Between 2000 and 2004 , the university and Roehampton worked together as the Federal University of Surrey . In June 2004 , the Privy Council granted Roehampton an independent university title , and it became Roehampton University from 1 August 2004 . This move ended the federal partnership between the two institutions , although collaboration between the two is being maintained .

In 2007 , the university and Dongbei University of Finance and Economics in Dalian , China , launched the Surrey International Institute , DUFE . The SII at DUFE offers Surrey degrees and dual @-@ degree programmes in China . A placement year link with University of North Carolina is currently being initiated in 2009 , where each institution places students from the other with companies located nearby , in the South East of England and the Carolinas , respectively .

= = = International partners = = =

The university holds a number of formal links with institutions from around the world to share teaching and research and facilitate staff and student exchanges .

University of São Paulo , Brazil

Seoul National University , South Korea

University of Central Florida , USA

North Carolina State University , USA

The DUFE ? Surrey International Institute (?????????????) is an academic partnership with the

Dongbei University of Finance and Economics in Dalian , China
University of Hong Kong
Nanyang Technological University
National Autonomous University of Mexico Head Associate Diego Luiz
MODUL University Vienna , Austria

= = Notable academics and alumni = =

= = = Notable alumni = = =

= = = Notable academics = = =

Academics to work at the university include Alf Adams , pioneer of the strained quantum @-@ well laser ; Jim Al @-@ Khalili , the nuclear physicist , author and broadcaster ; Aleks Krotoski , the technology journalist and broadcaster ; Sir Martin Sweeting , founder of Surrey Satellite Technology Ltd ; and Nigel Gilbert , the sociologist pioneer in the use of agent @-@ based models in the social sciences .

On 20 May 2009 , Andreas Mogensen , a researcher at the Surrey Space Centre , was announced as a new member of the European Astronaut Corps , part of the European Space Agency and in doing so , will become the first Danish astronaut .

In February 2011 , terrorism and Northern Ireland expert Marie Breen Smyth , joined the Politics department , as Chair in International Relations . In March 2005 , Breen @-@ Smyth , (then Smyth) gave evidence to the House of Commons Northern Ireland Affairs Committee Inquiry into Dealing with Northern Ireland 's past . Another notable academic was the late translation studies scholar Peter Newmark .

One notable academic , who is known for his work in Nanotechnology , is Ravi Silva . Ravi Silva is the current Director of the Advanced Technology Institute at the university . In 2003 , he was awarded the Albert Einstein Silver Medal and the Javed Husain Prize by UNESCO for contributions to electronic devices . The 2011 Clifford Paterson Lecture was given by Silva for his outstanding contributions to basic science and engineering in the field of carbon nanoscience and nanotechnology . The lecture is given annually on any aspect of engineering . The General Electric Company Limited endowed the lecture in 1975 in honour of Clifford Paterson who undertook the creation of the GEC Research Laboratories in 1919 . Other notable academics who have delivered the lecture include Frank Kelly and Richard Friend , both from the University of Cambridge .

Surrey 's Centre for Environmental Strategy (established by Roland Clift in 1992) gained a lot of attention with the publication of Prosperity Without Growth by University of Surrey academic Tim Jackson , Professor of Sustainable Development and Director of the ESRC Research Group on Lifestyles , Values and Environment .

= = Student life = =

= = = Students ' Union = = =

The University of Surrey Students ' Union is the sole representative body of Surrey students to the university . It consists of a membership department (representing students on academic and welfare issues , as well as administering sports clubs and societies) as well as a commercial department . The organisation is non @-@ profit , meaning any takings from the Union 's four commercial outlets are invested in supporting the membership side of the business .

The Union was incorporated as an independent charity in July 2011 . It has a trustee board consisting of four external trustees , a member of University staff , a student trustee , and five full

@-@ time student sabbatical officers (President , VP Education , VP Welfare , VP Sports , VP Societies) .

The Union hosts many Balls throughout the academic year . The Union ball is a formal event , where students are smartly dressed . There is a Winter Ball at the end of the Autumn term . The Ball season begins in the Summer term with the Colours Ball . Colours Ball is an event organised for all sports activities done at the university . It is done at the end of the sports season , where members of various sports ' clubs are honoured for their contribution to Sports at Surrey . There is a break in the middle of the season for students to sit their final examinations . After the examinations , the season continues with events from several Union societies . The season ends with the Graduation Ball at the end of the year for the graduating class .