



Secondary School
Activity Brochure
2017/18

Department of Widening
Participation and Outreach



Welcome

I am delighted to introduce the University of Surrey Widening Participation and Outreach Department's 2017/18 Secondary School Activity Brochure. This brochure outlines the different activities that we offer across each age group, from year 7 to year 13, as well as some of the activities available to teachers, parents, and carers. The University of Surrey is committed to raising the aspiration and attainment of those who under-represented in Higher Education and, through our core Widening Participation and Outreach programme, we aim to minimise the barriers to further education and support progression and participation for those who are capable of benefitting from the experience.

If you have any questions about the activities that we have on offer, or would like to discuss additional opportunities for your students, please don't hesitate to get in touch with us on wp@surrey.ac.uk

I hope that your students enjoy the activities as much as we enjoy designing and delivering them and I look forward to working with you, and your students, over the course of this academic year.

Best wishes,

A handwritten signature in black ink, appearing to read 'Alice McLaren'.

Alice McLaren
Head of Widening Participation and Outreach

Targeting Students

Our work aims to raise the aspirations and educational attainment amongst students from under-represented and disadvantaged groups. To participate in our activities, students should be in State schools/colleges between KS2 to KS5 and meet one or more of the following criteria detailed below. Please note that priority will be given to students who meet multiple criteria.

- Low Participation Neighbourhood (LPN) as defined by home postcode*
- Parents are in non-professional occupations (socio-economic groups NS-SEC 4-8)
- Low income family (eligible for Free School Meals in last six years)
- Neither parent has attended university
- Students from Black and minority ethnic groups (specifically Black Caribbean and other Black pupils)
- Have been, or are currently living, in Local Authority care
- From gypsy and traveller communities
- Refugees
- Have a disability
- Young Carers
- Estranged students (post-16 students with no communication with either biological parent and the situation is not expected to change)
- Mature students
- White males who are eligible for FSM, from NS-SEC groups 4-8 or live in an LPN)

Gifted and Talented (G&T) students will be required to meet one or more of the above criteria as above, and priority will be given to those who meet multiple criteria.

* You can check if students live in a LPN (POLAR3 Quintile 1 or 2) by using the online postcode look up tool:

hefce.ac.uk/postcode

Student Safety

All members of the Department of Widening Participation & Outreach hold an enhanced DBS certificate as do all of our student ambassadors who work at our events.

All students participating in events are supervised by a member of our team. We do expect the school or college staff in attendance to be responsible for the conduct and safety of their students at all times. We therefore ask that the visiting school and college staff remain with the school group throughout the entirety of the visit. Both staff and students visiting our campus are given a lanyard with a campus map and contact details of the event organiser in the unlikely event of being separated from the University of Surrey staff.

The University of Surrey Security team are all first aid trained and are available on campus 24/7.

Cost

We are pleased to announce that all of our events are completely free of charge for students who meet our targeting criteria. The cost of transportation to and from one of our events can also be covered for some events. Please contact the event organiser regarding availability prior to booking.

How to Book

To request more information about an activity or book a place please visit our website:

surrey.ac.uk/schools-colleges

or contact us via email:

wp@surrey.ac.uk

Once you have registered your interest in an event you will be sent a Student Information and Consent form together with a code of conduct form to complete. A covering letter to parents / carers will accompany the student information and consent forms which explains the work that we do and the need for this information.

Parents / carers will be required to complete the student information and consent forms and return these to the school. This form along with the code of conduct form which is to be completed by the accompanying teacher should be returned to the event organiser. We ask that this is completed and returned at least three weeks prior to the event.

These forms are essential in enabling us to identify Widening Participation students and ensure that the events we offer run smoothly and safely as possible. Once this information is received, the event organiser will provide you with a list of students from your school who meet our widening participation criteria so that you can identify the students who would benefit most from attending our activities

This brochure outlines out 2017/18 activities available to Schools and Colleges. Events are subject to availability. Information is correct at the time of printing. (September 2017)

Pick 'n' Mix University Workshops

For this academic year we've changed the style and delivery of our Information, Advice and Guidance (IAG) activities. In order to offer greater flexibility and more bespoke events for your school we are introducing 'Pick 'n' Mix' University Workshops.

The workshops have been designed in such a way that you can slot sessions together to create an event that fits the needs of your students. The options below detail the three different ways you can build up you half or full day, you can come to us or we can visit your school. Select your option & fill in your workshop choices. Please see page 13 for more information.



Year 7 Activities

Physics of Sci-Fi

This fun and interactive workshop will invite students to explore the science behind some of their favourite sci-fi shows and movies, such as Star Wars, Doctor Who, Thunderbirds and Star Trek.

Targeted for students in Year 7 with a real enthusiasm for sci-fi, students will become familiar with key physics concepts such as forces and gravity whilst also exploring the solar system and our wider galaxy and universe.

This workshop is sure to leave students asking more questions than provide answers with the aim of inspiring further physics interest and intrigue.

Languages Taster

New to this academic year, we are now offering a Year 7 Languages event which involves taster activities in various Languages as well as the opportunity to develop Interpreting and Translating skills.

Students will also learn the key differences between University and school, particularly focusing on types of careers a degree in Languages can lead to. There will be an opportunity to be taught by University staff, as well as meeting current students.

This event will help develop students' understanding of Languages in the context of University whilst providing them the opportunity to practise key language skills.

Walliamzania: Drama Workshop Year 7

With the helping hand of a professional Drama Tutor from the Guildford School of Acting (GSA), students are invited to delve into the world of David Walliams in an interactive drama workshop!

Students will take part in drama activities themed around David Walliams children's books including Awful Auntie and Gangsta Granny! The event is aimed at increasing student's confidence and team building skills.

MMIC – Microorganisms infections

Although only small Microorganisms make up the largest group of living material on the planet! But are all micro-organisms' germs? How can we prevent the spread of micro-organisms? And is there any science behind the myths of monsters? Students will answer these questions and more during an activity filled day exploring the biology of micro-organisms.

Know your Mind: The Science of Psychology

This event is an interactive introduction to the fascinating field of Psychology. Students will work with academic staff and current university students to gain an insight into what it might be like to study Psychology at university. Exploring the complexities of the human brain, students will understand how our brains work and what makes us act and think the way we do.

Mental Health Nursing and Psychology

We all know about the importance of our physical health and have a good idea of the professionals that work in this area, but how good is your knowledge of mental health and those that specialise in this area? Throughout this interactive day your students will focus upon improving their knowledge of mental health and the subjects that link to this area. Working both with our mental health nurses and our clinical psychologists, students will understand the overlaps as well as differences in these matters.



Year 8 Activities

Year 8 Exploring Higher Education Week

The week aims to provide students with an introduction to Higher Education by bringing them on to the University Campus, and engaging them in a variety of activities and subject related sessions aimed to expand their knowledge of subjects inside and outside the current curriculum.

By encouraging cross-school working, students have the opportunity to develop their team-working and communication skills, as well as increase their levels of confidence. In past years, students have had the opportunity to study Law, Psychology, Nutrition and Engineering, in addition to more familiar subjects such as Chemistry, Media and Sports Science. Students are also encouraged to develop personal skills such as teamwork and communication through working in groups with students from other schools. The week culminates in a mini graduation ceremony, celebrating the students' achievements throughout the week. Parents, carers and other family members are invited to attend this special occasion.

Crime Scene Maths Investigations

This workshop presents the scenario where students become Private Investigators to solve a crime on campus.

Applying mathematical techniques, students work together to solve problems and clues to identify the guilty suspect.

This workshop has been designed and structured to support Year 8 students least confident within mathematics and covers the following topics:

- Area & Perimeter
- Coordinates
- Distance
- Time
- Pythagoras' Theorem
- Shape
- Ciphers

Politics Taster

This taster day introduces students to Politics as a subject which can be studied and enjoyed at University.

The event involves a 2 hour interactive workshop in which students will create their own political party, outlining key values and beliefs in a manifesto which is then used to tackle a crisis.

Students will also learn about Politics at University and the careers you can go into.

One Health Experience

Interested in Human health? Wanting to discover more about the Health Sciences? But have you thought about the One Health Concept? This 3 day extended programme aims to introduce your students to the One Health vision of the University. Focusing on the multidisciplinary nature and overlaps between human as well as animal health this exciting event will introduce your students to the Faculty of Health and Medical Sciences. Each day will see students focusing on one particular area: Biosciences, Health Sciences and Veterinary Sciences. Across the three days students will develop knowledge of the different careers and opportunities that link in to the One Health concept whilst developing their subject knowledge in these areas.



Year 9 Activities

Surrey Careers Fair - Wednesday 8 November 2017

Surrey County Council and the University of Surrey have joined together to bring you the Surrey Careers Fair on Wednesday 8 November 2017 at Epsom Downs Racecourse!

The Surrey Careers Fair is a great chance for Year 9 students and above to find out about the wide range of options available to them once they leave school and even enables them to try their hand at some practical skills. We have invited a range of exciting exhibitors including colleges, universities, training providers and employers all offering fantastic opportunities.

School groups are able to attend one of the following sessions:

9:30am — 11am
11:15am — 12:45pm
1pm — 2:30pm

The fair will be open to the public between 3.30pm-6.30pm.

The event is open to your whole year group but places are prioritized for students who meet WP criteria.

International Relations Workshop

This exciting new workshop involves introducing students to International Relations as a subject at University whilst also focusing on how to tackle various crises from a countries perspective. For example if a country was faced with famine, how would they prioritise their resources? Or if a country was tackling a rebellion, how would they negotiate to regain peace?

The two hour workshop is delivered by an International Relations PhD student from the University of Surrey and can be delivered in-school.

Black History Month: Spoken Word

For Black History Month in October, the University of Surrey is holding an event which will celebrate the culture of African and Caribbean communities through Spoken Word. The event will tackle the topic of discrimination throughout history and in today's society through creative writing and performance.

This event will help develop students' team work and communication skills. They will also gain understanding in the Black History and discrimination; particularly how these topics can be communicated through creative arts.

Speak Up! Speak Out! Holocaust Memorial Day

To commemorate Holocaust Memorial Day on 27th January 2018, the University of Surrey is delivering a Spoken Word event that will reflect on the discrimination faced by those during the Holocaust before looking at discrimination and bullying in today's society, how it has changed and what we can do to prevent it.

This event will help develop students' team work and communication skills. They will also gain understanding in the Holocaust and discrimination; particularly how these topics can be communicated through creative arts.

Challenge the Champions

Based at our state of the art Surrey Sports Park this day will get students engaging with concepts of Exercise science and Nutrition in an action packed way!

Students will undertake a series of challenges to test themselves against the champions. Can they beat the best? Students will also develop a greater understanding of nutrition and the links between nutrition, a healthy diet and sports performance.

This day aims to give a comprehensive introduction to studying Exercise science and Nutrition in higher education as well as provide an insight into the range of careers linked to this diverse area.

Lights, Camera, Action

A TV Studios Taster day allowing students to produce a short programme and learn the techniques involved in TV Production and News Broadcasting. Students will create their own script for the news broadcast, film VT inserts and take on either a presenting or technical role in the TV Studios to ensure the live News Broadcast runs smoothly.



Ready, Steady, Pitch!

This business workshop is the University's answer to Dragon's Den. Students will explore why some products are more successful than others, why some inventions take longer to catch on than others, and what attracts people to products. Students will also learn the fundamentals behind writing and delivering a successful business pitch before using this knowledge to sell a product as a group.

Engineering Island

Stranded on a desert island, students must work together and find their inner civil engineer to survive. With only basic resources available, planning and construction are key to ensuring that the group can overcome the challenges that are presented to them.

By introducing Engineering ideas and concepts, Year 9 students compete within teams to build a shelter, bridge and raft from various construction resources before exploring engineering as a study option at University.

A fantastic workshop for students who revel in applied and practical activities who are also keen problem solvers.

Men in Social Sciences

A cross faculty event this day will focus on the similarities and differences between studying Criminology, Sociology and Psychology at University. Focused around the theme of criminal behaviour your students will focus on two main topics: Identity and Social media. For each topic students will take part in interactive activities to explore the area from both a sociology and psychology perspective. Working with our professionals and current students, the day will allow your pupils to explore these fascinating areas and the pathways and careers that link.

Women in STEM

In support of inspiring young females in science and engineering careers, this events allows students to attend campus for the day to problem solve through practical engineering challenges whilst also meeting and listening to a University of Surrey academic talk about their career and research within engineering and/or physical sciences. Places limited to 40 Year 9 students per school with workshops running in April 2018. Further details and bookings to be shared online from January 2018 but enquiries of interest are welcomed in advance.

Pick 'n' Mix University Workshops

For this academic year we've changed the style and delivery of our Information, Advice and Guidance (IAG) activities. In order to offer greater flexibility and more bespoke events for your school we are introducing 'Pick 'n' Mix' University Workshops.

The workshops have been designed in such a way that you can slot sessions together to create an event that fits the needs of your students. The options below detail the three different ways you can build up you half or full day, you can come to us or we can visit your school. Select your option & fill in your workshop choices.



PULL THIS SECTION OUT FOR YOUR REFERENCE

Pick 'n' Mix Workshops on Offer

We are pleased to offer a choice of six workshops that can be delivered to any year group, although we have offered our own recommendations. Each workshop will be two hours long and can be adapted

depending on the year group and experience level of attendees. Students will work alongside current undergraduates on a series of interactive activities throughout each workshop.



Introduction to University

Recommended for Year Groups 7 – 9

This workshop invites students to visit our campus and explore 'what is university?'. Students will have the opportunity to meet inspirational current undergraduates and participate in interactive workshops and teambuilding activities aimed at expanding their university knowledge.

Revision and Exams

Recommended for Year Groups 9 – 13

This workshop will support students with their revision and exams. In covering areas such as revision and memory techniques, time management and exam strategies, this workshop will develop students' skills in these important areas and increase their confidence in using them effectively.

Applying to University

Recommended for Year Groups 10 – 12

This workshop will help students understand the intricacies of the UCAS application process. Through a series of interactive activities students will look at what they could be doing to enhance their university applications including work experience, access schemes, summer schools etc.

Funding University

Recommended for Year Groups 9 – 13

This workshop aims to break down one of the biggest barriers faced by students wanting to enter Higher Education. During the session, students will be given information on Student Finance and other types of financial support available and consider the benefits of university vs its cost.

Transition to University

Recommended for Year Groups 9 – 13

This workshop will help students imagine what it's like to study at university and introduce them to several key transition topics to help them prepare for a degree: independent living, support at university, industry placements, opportunities for studying abroad and the range of extra-curricular activities on offer.



Pathways & Choices

Recommended for Year Groups 8 – 11

This workshop will provide information on the different types of university courses and their requirements and the range of professions they can lead to. Alternative routes into employment will also be discussed with a focus on how to make good choices.

Pick 'n' Mix Workshops

How to book

To request more information about an activity or book a place please visit our website at:

surrey.ac.uk/schools-colleges

or contact us via email:

wp@surrey.ac.uk

Once you have registered your interest in an event you will be sent a Student Information and Consent form together with a code of conduct form to complete. A covering letter to parents / carers will accompany the student information and consent forms which explains the work that we do and the need for this information.



PULL THIS SECTION OUT FOR YOUR REFERENCE



Year 10 Activities

Catastrophe on Campus

A contaminant has been released on campus, staff, students and the public are in danger!

Catastrophe on Campus is a University experience not to be missed! Over the course of the programme, students will be taking on the roles of experts in Forensics, Media, Biomedical science, disaster management and more to assist in the response and recovery of this biological hazard and suspicious incident.

This transformative six month programme offers your year 10 students an exciting sustained programme of on campus visits, and online mentoring to encourage and support them through the first two terms of year 10 (October - March).

It also offers their parents/carers the chance to attend sessions at the University. Students and their families are able to explore university, developing their knowledge of university life and support, courses and careers as well as the skills needed to study and succeed at Higher Education. The programme will also focus on English, Maths and Science support through its online mentoring system.

Catastrophe on Campus is FREE to attend but is only open to students who meet eligibility criteria

Feedback from Catastrophe on Campus Programme 2016/17

"I strongly believe that my confidence has greatly improved since starting the year 10 programme"

"My daughter has not stopped talked about what she experienced. She has loved every minute of it. Thank you"

"I now have the knowledge I need to guide my son into going to university. Before this my lack of knowledge may have stopped me from encouraging my son in to university"

The programme starts in October so please get in touch to request an application form, parent carer flyer and information sheet

Deadly Diseases: Epidemiology Experience

A deadly disease has broken out on campus and it is up to your students to identify the source of infection and prevent any further illnesses. Can they save the staff and students on campus before anyone else is taken ill? An interactive day looking at infectious diseases and public health this day would be perfect for student who are interested in discovering more about this fascinating area of science.

Sociology Taster Day

This interactive workshop is an introduction to the study of Sociology, allowing students to spend time exploring different areas of the subject that are studied at undergraduate level.

By attending this workshop, students will:

- Expand their confidence and knowledge in the subject of Sociology
- Explore educational pathways into Sociology
- Consider what it might be like to study Sociology at university and what career pathways Sociology relates to

What Killed Steve the Stag?

Steve the Stag has been found dead on campus, and it is the job of your students to solve his death and keep the local population safe! Incorporating a range of disciplines within Veterinary Science and Medicine this day will give students the opportunity to practically explore what comes into this varied and exciting course.



Politics Taster

Are you a budding politician? Do you want to be the next prime minister? Get ready to compete for your seat with a taster day on Politics! This event will allow students to enter the exciting world of politics at University and beyond. The students will learn about studying politics at University, the careers a degree in politics can lead to as well as the opportunity to take part in a parliamentary debate.

Music Taster

Join us for a dynamic and engaging taster day in Music. This is the perfect event for those aspiring musicians who are considering studying music further. This taster day will introduce students to the types of music facilities at University, offer them an insight into what a lecture is like and allow them to take part in some practical workshops and demos. Students will also be able to attend the University's Lunchtime Recital and see some live music in action.

There will be an opportunity to be taught by University staff, as well as meeting current students. This event will help develop students' understanding of music and in particular what it is like to study music at University. They will have the opportunity to develop key skills in the practical workshop and lecture.



Year 12 Activities

Residential Summer Schools

The University of Surrey offers an exciting and wide-ranging programme of Year 12 residential summer schools. These are ideal for students who are interested in finding out what it would really be like to study at university, and can play a crucial role in helping students develop a clearer understanding of what course is right for them. Students will learn in an academic environment, working with students from other schools, undergraduate and postgraduate students, and academic staff. The programmes will include lectures, seminars, practical activities, and a variety of fun social events each evening. The summer schools are spread across our three faculties, FASS, FEPS and FHMS meaning we are able to offer a diverse range of subjects. Currently we are hoping to run the following Summer Schools:

- Law
- Business
- Nursing
- Paramedic
- Midwifery
- English and Creative Writing
- Biomedical Sciences
- Veterinary Sciences
- Languages
- Media and Production Skills
- Engineering and Physical Sciences
- Sports and Exercise Science
- Psychology
- ODP

'Make it at Surrey' Hospitality and Tourism Taster

A new subject taster for this academic year, Make it at Surrey introduces students to the subject of Hospitality and Tourism at University. Students will have the opportunity to take part in an interactive workshop where they will make and then market their own dish using seasonal, local produce. During the day students will also learn the fundamentals in hospitality management and marketing, whilst getting the opportunity to learn about university life.

Students will be taught by academic and PhD staff from the School of Hospitality and Tourism and will also have the opportunity to talk current undergraduate students.

Academic skills

EPQ Skills Event (Extended Project Qualification)

Students will develop their research skills, including referencing, and their academic writing skills in areas such as language, developing an argument and being critical.

This event will also give students ample time to make use of the University Library for independent research and to print and gather resources for their projects.

Writing and Research Skills for Coursework (All subjects)

This event will support students with their current A Level or BTEC coursework. There will be a workshop on research skills (including referencing and using evidence) and academic writing in areas such as developing an argument and being critical.

Students will also hear from academic staff and Student Ambassadors about what it's like to study their subject at University.

A Day in the Life of a Student

(Arts, Humanities & Social Science subjects)

In mirroring the typical day of a University student, students will get to experience a real university lecture delivered by a world leading expert in their field. Following this, students will learn what a seminar is like through lively discussion and debate.

This event also introduces students to different ways they can be more independent – including using the campus support available.

For more information on these events and to view the Academic Skills Brochure, please visit our website:

surrey.ac.uk/wpo



Year 13 Activities

In2Surrey

Applications for university entry 2018/19 now open

In2Surrey is a national scheme open to students permanently residing in the UK and studying at state funded schools/colleges.

In order to apply you must be undertaking A-Levels, BTEC (QCF Level 3 Extended Diploma), International Baccalaureate or an Access to HE qualification and demonstrate the potential to study at the University of Surrey.

Students should have already applied or be in the process of applying to study an undergraduate programme at the University of Surrey.

Successful applicants will benefit from:

- An alternative offer equivalent to one A-Level grade lower*
- Access to an E-Mentor (a current undergraduate)
- A one off In2Surrey Award of between £500 - £2000 depending on offers and grades achieved
- Invitation to special events hosted by the University of Surrey
- Support and guidance to assist you with the transition to university

*Please note that for BTEC (QCF Level 3 Extended Diploma) students we may be unable to make a reduction of one grade due to A-Level equivalencies

To apply and view the entry criteria please visit: surrey.ac.uk/schools-colleges/in2surrey

For more information, email: in2@surrey.ac.uk



Other Activities

Support for Young Carers

We are planning on running a series of day events for Young Carers to give information and advice about university. For more information please contact us.

IET Christmas Lecture

The Widening Participation department are proud to be hosting the IET Surrey Christmas Lecture on Wednesday 6 December. Doors open from 18:00 with the lecture advertised to start by 18:30. Places are limited to 30 students per school with Years 10, 11, 12 and 13 the recommended audience. Families are also welcome. Ticketing information will be shared online from October 2017 but enquiries of interest are welcomed in advance.

Your Future Refugee & Asylum Seeker Programme

For the second year running we are running a collaborative project with Surrey County Council to offer a series of workshops for Refugees and Asylum Seekers.

Parents & Carers

An introduction to university students and their families.

This talk and lecture series aims to equip young people and their families with a firm understanding of university and its benefits. The programme in school, with students and their families attending an introductory talk about university. After receiving the talk, attendees will be invited to attend a series of lectures at the university, covering a range of exciting topics from several fascinating subject areas. Each lecture will be rounded off with an opportunity for families to speak to current university students and to gather more information about university. Students and their families will also receive information booklets, covering key information about university and where to find out more.

Talk content can be adapted for all year groups. Dates for introductory talks can be flexible but must take place before January 2018

Teachers

We are keen to work closely with Teachers throughout the year and are able to offer bespoke CPD in a number of subjects as well as Higher Education Information, Advice and Guidance. We are also able to attend parent's evenings, options evenings and career events to deliver talks, or to answer any questions your students and their parents might have about university. If you would like to run or host a CPD session at your school or college or would like our attendance at one of the above events please contact us.

Using iPads in Modern Foreign Languages

This session provides an overview of using iPads in the teaching of Modern Foreign Languages at KS3 and KS4. Although primarily focused on the use of iPads, this session will be useful for teachers interested in using technology generally in their teaching of MFL. This session will be practical, hands-on and presented in plain English. It requires little, if any, prior experience of iPads. The techniques and apps shown will be applicable to most languages, covering all the essentials like vocabulary, pronunciation and grammar.

Woking & Guildford CAS Hub Conference

Hosted at University of Surrey, the annual computing conference allows Woking & Guildford CAS Hub members to attend workshops delivered by fellow teachers and University academics to take ideas away to implement within their own classroom. To join the Woking & Guildford CAS Hub and to find out more, please visit:

community.computingschool.org.uk

Discover Health Sciences

Based on campus at the University of Surrey, this event aims to develop knowledge around the Health sciences. Time will be spent looking at the similarities and differences between the various health sciences courses, and the pathways into studying these courses at University. Develop your knowledge of the life of a health sciences student including how the subject is taught, and personal experiences of placement. The event will also showcase our simulation suite, home to the most up-to-date equipment and realistic healthcare environments.



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We've made all reasonable efforts to ensure that the information in this publication was correct at the time of going to print in September 2017, but we can't accept any liability for any inaccuracies in the information published, and the information might change from time to time without notice. For the latest and most up-to-date information, please visit our website at surrey.ac.uk