

UNIVERSITY OF SURREY

RESIDENTIAL SUMMER SCHOOLS

PROGRAMME 2019



INTRODUCTION

The University of Surrey is offering an exciting and wide-ranging programme of Year 12 Residential Summer Schools. Have you ever wondered what it would really be like to study at university? Not sure what course to choose or where it might lead you? Then why not apply to attend one of our residential summer school programmes.

About the Summer Schools

Our Residential Summer School programme offers students the chance to experience studying a subject that they love at university. Students will learn in an academic environment, working with students from other schools and colleges, undergraduate and postgraduate students, and academic staff. The programmes will include lectures, seminars, practical activities, and a variety of fun social events each evening.

1 JULY - 5 JULY

Arts and Social Sciences

French
Spanish
Business
Law
Media &
Production Skills
English &
Creative Writing
Hospitality & Tourism

8 JULY - 12 JULY

Health Sciences and Psychology

Nursing
Midwifery
Operating
Department Practice
Paramedic Science
Psychology

22 JULY - 26 JULY

Engineering and Physical Sciences

Physics
Maths
Chemistry
Civil Engineering
Mechanical
Engineering Sciences
Electrical & Electronic
Engineering
Computer Science

22 JULY - 26 JULY

Biosciences, Sport and Veterinary Sciences

Sport and
Exercise Science
Veterinary Science
Biosciences

The Summer Schools are free to eligible 16 and 17 year old Year 12 students from state schools and colleges who permanently reside in England. The University of Surrey will also pay for travel to and from the summer school, accommodation at the University, and meals and refreshments during the week. Applications from 18 year olds will be considered.



Who is Eligible?

Places will be allocated to students from currently underrepresented groups in Higher Education who meet one or more of the below criteria:

- Live in a neighbourhood with low progression to university (as defined by home postcode)
- From a non-professional household
- Neither parent has attended university
- From a low income family (eligible for Free School Meals in last six years)
- Are a refugee
- Have been, or are currently, a looked after child
- From gypsy and traveller communities
- From Black and minority ethnic groups (specifically Black Caribbean and other Black pupils)
- Are from a military family (either of your parents are in the armed forces).

Applications open on 3 January 2019 and close on 22 March 2019. **Places are limited.**

Still unsure whether this might be for you?

Here are some comments from students who attended one of last year's programmes:

“ It was a very helpful week and I feel very confident to make an application at Surrey to study Paramedic Science. The week had the ideal balance of lectures, speaking to teaching fellows, practical activities and free time. Thank You! ”
Paramedic Science

“ I had a brilliant time, made lots of really good friends. It gave me a chance to see what studying physics and maths at university is like and was a huge factor in me choosing maths. ”
Engineering & Physical Sciences

“ Really useful and informative and has given me a good insight into studying languages at university. ”
Languages

If you would like further information please contact: summerschools@surrey.ac.uk
Or to access an online application form please go to: surrey.ac.uk/summer
Follow us on Twitter @SurreyOutreach

1 JULY - 5 JULY

Arts and Social Sciences

Languages

Language Options: French or Spanish If you're interested in languages and passionate about improving your abilities in your chosen language then our summer school is perfect for you. Students will have the opportunity to attend a variety of academic sessions, covering topics such as grammar structure and translation. You will also be given the opportunity to try your hand at alternative languages. In addition to this, students will also be introduced to the professional field of interpreting and explore careers involving languages. Applicants should be aware that this is an intense programme designed to give a comprehensive taste of university life.

Business

Are you interested in the world of business and wanting to discover more about studying Business and Management at University? If you answered yes, then our intensive Business Summer School is for you! Students will learn through traditional, experiential and digital teaching, with an emphasis on students as active learners. The week is built around a project that students will complete which requires participants to work effectively in a team, take responsibility for your own study and communicate appropriately. The programme will involve a variety of team building activities, speakers and study skills sessions alongside academic sessions. Students will be supported to develop a range of academic skills, which you will be able to build upon as you prepare for higher education.

Media & Production Skills

Can you see yourself working behind the scenes on films and television programmes? Are you interested in the theories behind media? Do you watch films and wonder why they have chosen the techniques they have? Our intensive Media and Production Skills programme is for you! Students will be exposed to a variety of theoretical and practical sessions designed to give students an insight into studying Media at university and the different pathways available. Students will explore areas of media such as social media, television, film and the sociology of media. You will develop your communication and interpersonal skills by working on a group project, ending with a group screening of your finished pieces. Applicants do not have to currently be studying Media, but should demonstrate an interest in film, television, culture and/ or visual communication and a desire to develop this interest academically.



English & Creative Writing

Are you passionate about English, love reading new texts and considering what they mean? Do you want to try something new, explore Creative Writing techniques and create your own work? This programme will allow you to experience studying English at university level. The week will include a variety of lectures, workshops and seminars, looking at texts, poetry and critical reading. As well as studying English, students will have the opportunity to explore Creative Writing as an academic discipline with the opportunity to take part in workshops around writing in different styles, which will culminate in you producing your own piece of writing by the end of the week.

Law

Do you enjoy debating topics and thinking about issues from a variety of viewpoints? Are you passionate about the law and interested in the possible career pathways? If yes, then our Law Summer School is a great opportunity for you. Throughout the week you will be introduced to a variety of different laws and given the chance to research around some key modern day issues. You will develop team work and presentation skills through your research project and academic sessions. Alongside the academic sessions, you will have the opportunity to look at criminal law through a day trip.

Hospitality & Tourism

Have you ever thought about working in an exciting, fast-paced industry that could take you all over the world? If so, our brand new Hospitality & Tourism Summer School is for you! Students will experience a week in the life of a Hospitality & Tourism student, exploring the three main subject areas: Hospitality, Tourism and Events which will include a variety of lectures, workshops and seminars focusing on the unique features and challenges of the Hospitality & Tourism industries. We will explore business management, law and design, as well as question some of the industries social and environmental impacts. Students will work together to develop teamwork and presentation skills through a group project.

8 JULY - 12 JULY

Health Sciences and Psychology

Nursing

Interested in the opportunity to learn from one of the UK's top universities for Nursing? During this intensive programme you will develop an understanding and appreciation of the different roles and contributions that the nursing disciplines bring to patient care. With a focus on Adult, Child and Mental Health nursing you will take part in practical sessions in our simulation suite as well as gaining a theoretical grounding in the skills and knowledge required to excel in this field. Students will also have the opportunity to complete a research project in a discipline of your choice, giving you the chance to develop transferable skills in independent learning and research. Throughout the week you will also learn alongside students from other healthcare programmes, enabling you to develop an understanding of the importance of inter-professional teamwork in contemporary healthcare.

Midwifery

Interested in working with people and developing skills in communication, compassion and using your initiative? The midwifery subject strand will give students the opportunity to work with experienced and passionate midwives as you develop the skills necessary to excel in this field. There are few professions as rewarding as being a midwife, and this programme will enable students to experience this first hand. Learn through practical and theoretical methods, including sessions in our simulation suite. Students will also complete a research project, focusing on the transferable skills integral to university. Throughout the week you will also learn alongside students from other healthcare programmes, enabling you to develop an understanding of the importance of inter-professional teamwork in contemporary healthcare.

Operating Department Practice

Operating Department Practitioners provide dedicated support to patients when they're at their most vulnerable: before, during and after an operation. During this week you will learn about the skills needed to study towards such an important medical role. In addition to core clinical skills and an introduction to the equipment used, this week will help you develop the ability to reassure and support patients emotionally through the stressful experience of surgery. Using a combination of practical and theoretical experiences students will gain a comprehensive view of life as a university student. Throughout the week you will also learn alongside students from other healthcare programmes, enabling you to develop an understanding of the importance of inter-professional teamwork in contemporary healthcare.

Paramedic Science

Working as a paramedic, no two days are the same. This intensive programme will give you the opportunity to learn the rapid decision-making skills required to be a paramedic and the types of situations that paramedics tackle in their day to day career. Students will learn by academic study and practical experience, having the opportunity to focus on clinical skills alongside developing an understanding of the wider healthcare issues required to succeed in this challenging field. Students will also complete a research project, developing key transferable skills for university. Throughout the week you will also learn alongside students from other healthcare programmes enabling you to develop an understanding of the importance of inter-professional teamwork in contemporary healthcare.

Psychology

Interested in human behaviour and the science that underpins it? Looking to study a course that seeks to understand what makes us who we are and apply this to real life problems? Throughout this intensive week you will have the opportunity to experience a range of areas that make up this fascinating field. Students will take part in taster lectures, seminars and have the opportunity to undertake their own research project, developing skills in research and methodology. Working with academic staff who are experts in their particular field of psychology, you will be supported to gain a snapshot of university, both socially and academically.

22 JULY - 26 JULY

Engineering & Physical Sciences

If you have an interest and passion for engineering, maths, physics, chemistry and/or computer science, the Faculty of Engineering & Physical Sciences Summer School 2019 offers a fantastic opportunity to learn more about these subjects at degree level by inviting you to enrol onto a 5 day residential that offers a true insight into university life.

Timetable

Students will be able to devise their own academic timetable, opting to attend the lectures that best meet their learning interests. All lectures will be followed by a related workshop or seminar to explore further the practical and theoretical concepts behind the subject area.

Students will have the option to attend lectures including Maths, Mechanical Engineering, Chemistry, Electronic Engineering, Computer Science and Physics. Whilst not all options will be available on every day of the week, the structure will allow for students to select up to three subjects that complement each other and, in turn, may reflect university choices as potentially listed on a UCAS application within a joint honours or major/minor combination.

All lectures, workshops and seminars will be delivered by a University of Surrey academic who will present on a subject related their own research and expertise.

Research

Students enrolled onto the Summer School will select a research strand which will provide a continuous area of study throughout the week. The research topic will be presented by a University of Surrey academic who will lead the opening session before students work in groups to explore theory and/or practical concepts further in relation to the research area. Groups will then present their research to their lead academic at the end of the week.

Research subjects available during the week include Electronic Engineering, Civil Engineering, Computer Science, Maths and Physics.

The research aspect of the week encourages both group and independent learning whilst extending knowledge towards a current area of research that can inspire both current and future study opportunities and potential careers.





22 JULY - 26 JULY

Biosciences, Sport and Veterinary Sciences

Biosciences

If you're fascinated by the science that underpins and advances clinical practice and the treatment of disease, our innovative Biosciences subject strand will prepare you for a degree in this exciting field. Over an intensive 5 day programme students will have the opportunity to engage practically and theoretically with a variety of Biosciences topics available to study at university, allowing them to broaden their understanding of this field of Science. Students will work closely with our academics in our laboratories and have the opportunity to experience university style lectures and seminars.

Veterinary Science

Our forward thinking Veterinary Science programme is designed to equip students to excel in the dynamic field of Veterinary Science. This intensive week will provide students with practical clinical veterinary skills, the theoretical knowledge to underpin these skills and an insight into the professional field of veterinary medicine. Students will develop a wider understanding of the variety and depth of Veterinary Science and have the opportunity to learn in our brand new, and cutting edge facilities, including laboratories and our clinical skills suite. But watch out – things could get messy! Students will also gain transferable skills in communication and research, allowing you to feel confident in all educational elements of completing this challenging degree.



Sport and Exercise Science

Are you passionate about health and fitness and eager to explore how diet and exercise can benefit individuals and the nation? Our Sport and Exercise Science subject strand considers the theoretical knowledge and practical application of scientific principles relating to physiology, biochemistry and nutrition, using these to build a comprehensive picture of this subject area. Students will have the opportunity to use facilities at our state-of-the-art Surrey Sports Park and take part in laboratory sessions to explore how the body responds and adapts to exercise on all levels. This programme will include practical activities, alongside lectures, seminars and tutorials to give a snap shot into academic life at university.



UNIVERSITY LIFE

Student Life

As well as giving you an insight into studying your chosen subject at university, the Summer Schools are designed to highlight the wider benefits university has to offer. During the Summer School you'll be staying in university accommodation, eating in university food outlets and exploring facilities such as the library, sports facilities, and social and learning spaces.

Alongside your intensive academic timetable you'll take part in a variety of sessions in support of your UCAS application, including student finance, study skills, applying to university, our In2Surrey Programme and E-mentoring scheme. Our fantastic team of current Student Ambassadors will be supporting you throughout the week and will be on hand to answer your questions and share their own experiences of applying to and studying at university.

Social

The Summer Schools are a brilliant opportunity to make new friends and to meet fellow students from across England with similar interests to you, creating the same friendly and inclusive environment as enjoyed by university students. In the evenings you'll be able to unwind and get to know your peers, whilst exploring the area and taking part in activities across Guildford.

Life after University

University graduates seek to reap the rewards from their programme of study by moving into industry and employment or further training once they've finished their degree. During your degree you will be exposed to new ideas, areas of interest and careers that will inform your future path. Similarly, to help inform your university options, you'll hear from academics and industry professionals about their career paths and professions.



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Disclaimer

We've made all reasonable efforts to ensure that the information in this publication was correct at the time of going to print in December 2018, 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/summer