



Industrial Centres of Excellence

STEM Summer School

What's it all about?

The Industrial Centre of Excellence Summer School at the University of Bradford is designed to help you move successfully from GCSE to A-levels or BTECS in STEM subjects. The course has a focus on the key skills found in scientific investigation and the math required to do this.

The programme is made up of 6 compulsory sessions each of a half day alongside which there will be a number of additional enrichment activities around STEM future learning and careers. At the heart of the programme is a project based on a chosen theme which requires at least 15 hours of self-study in addition to the learning and support provided through the University.

Each of the compulsory sessions will be run multiple times across the summer school period to allow for students who wish to take part but have other commitments during the summer.

What will I be doing?

This unique summer school experience will give practical tips, skills and hands-on experience across all STEM subjects including experimenting, research and project management. It will also help you explore the practical application of your GCSE STEM studies to the next steps in your journey. There will be support around GCSE results day to help you think about your choice of Year 12 and 13 courses and how they link to the STEM areas you enjoy.



SESSION	DETAILS
Launch event	Welcome and launch of projects
Project planning	Exploring careers, project ideas and project sponsors
Practical workshop 1	Experiments, research and more
Method and Review	How to write a science report, CREST Silver practical guide, more project guidance
Practical workshop 2	So exactly why am I doing this...? A Level/BTEC subjects focus
Graduation	Celebrating success!



Using the Summer School to achieve your CREST Silver Award

CREST is a project-based awards scheme for the STEM subjects (Science, Technology, Engineering and Maths) run by the British Science Association. It links the personal passions of students to curriculum-based learning.

UCAS endorse CREST Awards for inclusion in students' personal statements - they're well regarded, high-quality and a tangible recognition of success. CREST is a gold standard in STEM enrichment.

CREST can link into work experience placements, after-schools clubs or numerous linked schemes. Students can investigate, design and make or research a subject, or design a science communication project. We will support you to use your summer school experience as the foundation for achieving your CREST Silver Award.

Each of the compulsory sessions will be run multiple times across the summer school period to allow for students who wish to take part but have other commitments during the summer.

Where will the course take place?

The Summer School is based on campus at the University of Bradford. You will have access to facilities within the STEM Centre as well as project support from relevant academics and employers.

What do I do next?

APPLY!

Have a look at the key information below; speak to your teacher and / or parents and carers and email or telephone to reserve your place. If you want to get ahead, build your CV and enjoy a fantastic summer experience we're waiting to hear from you.



KEY INFORMATION	
Students	Year 11 or 12
Venue	University of Bradford STEM Centre
Dates	Launch - Tuesday 5 July Graduation - Tuesday 30 August Compulsory workshops will be run multiple times between these dates to allow attendance around family holiday dates etc.
Price	£125 per pupil (including CREST registration fee). Limited number of bursaries available, discounts available for group bookings. Please contact us for further information or speak to your school and ask them to get in touch using the contact details below
How to apply	Please apply by email to: j.smith-harrison@bradford.ac.uk Tel: 01274 232231 Deadline for applications Friday 24 June 2016