

£7 per student



UNIVERSITY OF  
**LIVERPOOL**

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Faculty of Science & Engineering

## Year 12 STEM Experience Days

09.30-14.45 on 20<sup>th</sup> to 22<sup>nd</sup> June 2023

A taste of undergraduate life and hands-on practical activities for A-level students in our stunning Central Teaching Laboratories & Engineering Active Learning Laboratory



09.00 – 09.30	Arrival
09.30 – 09.50	Welcome and introduction
09.50 – 11.35	Practical session 1
11.35 – 11.55	Students: Top tips for your UCAS applications & 'Ask an Undergrad' Teachers: Top tips to support your students' applications
11.55 – 12.40	Lunch break – admissions tutors available to answer questions
12.45 – 14.30	Practical session 2
14.30 – 14.45	Plenary Session

Provisional list of Practical Session Options overleaf – more information on the registration form

### TEACHERS:

To register your school for places go to

<http://tinyurl.com/uolyr12schools>

STUDENTS registration will open in February

Both forms work on smartphones in Chrome and Firefox, avoid IE9!

You may need to type or paste the links into your browser, clicking them sometimes gives an error.

<i>Session</i>	<i>Must be studying:</i>	<i>Suitable for students interested in:</i>
<b>Let There Be Light</b> <i>Chemistry</i>	A-Level Chemistry	Environmental protection Chemistry Forensics
<b>Creation in Chemistry</b> <i>Chemistry</i>	A-Level Chemistry	Pharmacy Medicine Chemistry
<b>Artificial Intelligence: How do deep neural networks learn?</b> <i>Computer Science</i>	Any STEM A-Level	Coding Artificial Intelligence Robotics
<b>How to Communicate During a Zombie Apocalypse</b> <i>Electrical Engineering &amp; Electronics</i>	A-Level Maths	Communications Electrical Engineering Disaster movies
<b>Who Dunit?</b> <i>Geoforensics</i>	Any STEM A-Level	Geoforensics Environmental Protection Crime drama
<b>Inside an Environmental Time Machine</b> <i>Geography</i>	Any STEM A-Level	Climate Change Ecology Agriculture
<b>The Dragon Quiz</b> <i>Maths</i>	A-Level Maths	Problem Solving Teaching Chocolate
<b>Mathematical Marvels</b> <i>Maths</i>	A-Level Maths	Biostatistics Insurance Probability
<b>The Science of Seeing</b> <i>Orthoptics</i>	A-Level Physics	Biology Orthoptics Vision
<b>How to Survive on the International Space Station</b> <i>Physics</i>	A-Level Physics	Space Travel Nuclear Physics Medicine
<b>A Radioactive Cat has 18 Half Lives</b> <i>Physics</i>	A-Level Physics & Maths	Mathematical Physics Nuclear Physics Data Analysis

NB: the above list is provisional at this point, we can't guarantee that all workshops will be run on all days, we'll try to give students 2 of the 4 sessions they select at registration.

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