Summer Career Camps

Physics

Choose Your Future with Confidence



Department for Education

Top 10 Educational Institutions

UKStartUp Awards
Best Start Up

Physics
Summer Career Camp

Choose your future **with confidence**

Our **Physics Summer Career Camp** bridges theory and practice through hands-on physics workshops, real-world industry visits, and direct insights from experienced physicists and professionals. Discover what a career in physics really looks like; explore mechanics, energy, materials, technology, and modern applications while developing analytical, problem-solving, and scientific thinking skills. Gain a clearer understanding of the physics profession and the pathways towards studying physics and related subjects at university.



- Ages 15 - 18
- Central London
- 1, 2 or 3 weeks
- Hands-on career experiences
- Networking with top professionals
- UCAS and interview coaching
- Central London University Halls
- Network with English students

The physics school has been really interesting because we get to learn from university professors which is a completely different way of learning to what I'm used to at school and also the content is a step above what you learn at school as well.

Tara, Physics Career Camp

Why should **I attend?**

At Physics Summer Career Camp students take a step beyond the classroom and gain real-world experience, confidence and connections that top universities look for.

Experience Physics firsthand before choosing your future

Step beyond textbooks into real Physics environments to feel the daily excitement of the field.

Behind-the-scenes access to cutting edge facilities

Meet leading Physics professors, see pioneering research in action, and imagine yourself learning from them.

Build a network of mentors and industry contacts

Connect with practicing physics professionals, absorb their career journeys, and gain lifelong industry contacts.

Sharpen your university application and interview skills

Master personal statements and interview techniques to stand out to top universities.

Leave with real clarity on your career path

Transform unclear ambition into personal certainty, knowing exactly which path excites you.

Produce tangible work you can talk about at interview

Tackle hands-on design challenges and leave with tangible proof of your problem-solving skills.

Example Timetable: **Physics**

Choose your future with **confidence**

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
AM		Introduction: Physics	Astrophysics The Scale of the Universe	An Introduction to Python	Greenwich Observatory	UCAS Application and Personal Statement Intensive	2 Week Students: London Tour
	LUNCH						
PM	Hello and Check In	Roller Coaster Design	Pendulum Experiment	Dr Sandro Olivo	Greenwich Observatory	Careers & Pathways Graduation! **Check Out**	
	Orientation	Mini Golf	Bowling	Siteseeing	Dinner Out	Movie Night	



More **Information?**

If you're looking for more in-depth information on any of our interactive workshops or industry visits, please reach out to your educational advisor.

Meet Your Lead **Mentor**

Network with experienced **industry professionals**

Our Summer Career Camps are open to students all over the world. With central London accommodation, in-built evening activities and round the clock guardian care, students create unforgettable memories and life-long connections with peers.



Priyanshi

MSc Astrophysics | University of Hertfordshire

Priyanshi is an Astrophysics MSc graduate from the University of Hertfordshire, where she also completed her BSc in Astrophysics with Space Science, building a strong command of mathematics and physics and a real talent for making difficult ideas clear.

Her work blends real astrophysics research with a rare gift for science communication. She **contributes to NASA** citizen science projects, classifying astronomical data to help distinguish galaxies and other sources, and her current research draws on the Hubble Space Telescope archive to study galaxies and active galactic nuclei in ultraviolet light.

Priyanshi is a Physics, Astronomy and Mathematics Expert at Mercor and the founder of SpaceScience360, an astronomy education platform for young learners. She is also a University of Hertfordshire ambassador, delivering talks, telescope tours, and planetarium shows.

A day **in the life**

8:00 AM	Breakfast with residential students and guardians
9:00 AM	Meet mentor at accommodation and travel to Industry Visit
9:30 AM	Industry Visit with Expert
12:30 PM - 1:30 PM	Lunch with other students and your mentor
1:30 PM - 4:30 PM	Afternoon Workshop
4:30 PM - 5:00 PM	Travel Back to Ramsay Hall Accommodation
5:00 PM - 6:00 PM	Free time/prepare for dinner and evening activity
6:00 PM - 7:00 PM	Dinner with residential students and guardians
7:00 PM	Evening activity
10:00 PM	Lights Out!



Interactive **Workshops**

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Workshops are specifically designed to bridge the gap between educational theory and real-world execution. Students gain the opportunity to reality test their future, gain practical, portfolio-ready skills and benefit from direct networking and mentorship opportunities.

Introduction: Physics	Physics unravels the mysteries of the universe, from everyday motion to cosmic forces. This workshop offers hands-on exploration of key concepts and their real-world applications. It's designed to inspire curiosity and a spirit of discovery.
Roller Coaster Design	Dive into the thrilling world of rollercoaster design in this hands-on workshop. Combine physics concepts like energy conservation, circular motion and friction with your own creativity. Then put it all to the test by building an exciting marble rollercoaster.
Astrophysics The Scale of the Universe	Embark on a journey to comprehend the immense vastness of space. Through engaging models, comparisons and interactive discussions, you'll grasp the mind-boggling scale of the cosmos. Come away with a deeper understanding of our place in the universe.
An Introduction to Python	Learn to model physical systems using mathematics and Python programming. Through engaging challenges, you'll simulate projectile motion, radioactive decay and even quantum circuits. Discover the powerful intersection of coding and physics.
Pendulum Experiment	Discover the science behind pendulum motion in this interactive workshop. Through hands-on experiments, hypothesis testing and data analysis, you'll uncover what really affects a pendulum's swing. Fun, practical and perfect for curious minds.
Greenwich Observatory	Step into the world of physics at the historic Greenwich Observatory. Explore celestial mechanics, discover how timekeeping has evolved, and learn about the significance of the Prime Meridian. Connect these fascinating concepts to real-world applications and see how physics has shaped our understanding of time, space, and navigation.
Dr Sandro Olivo	Explore the universe with Dr Sandro Olivo, a leading expert in physics and astrophysics. Known for making complex science accessible, he brings the cosmos to life through hands-on workshops. Expect thought-provoking discussion and cutting-edge research.

**workshops differ dependent on week selected, get in touch with your advisor to find out more.*

Residential **Students**

The London University **Experience**

Our Summer Career Camps are open to students all over the world. With central London accommodation, in-built evening activities and round the clock guardian care, students create unforgettable memories and life-long connections with peers.

You will stay in **Ramsay Halls at University College London (UCL)**, a safe and comfortable base in the heart of the city. UCL is a world-leading university known for academic excellence and a vibrant international community.



University College London's:
RAMSAY HALL

- 24/7 Security
- Guardians
- Single Rooms/ Shared Bathrooms
- Single Rooms/ Ensuite Bathrooms

Convenient facilities including common areas for socialising, laundry facilities, and nearby supermarkets for daily essentials.

A prime location, UCL is situated in central London, a short walk from the main campus, major attractions, and transport links.

Cultural and social immersion, offering a chance to make new friends from around the world and experience the London lifestyle.

Daily meals provided, catering to different dietary needs, including vegetarian and halal options.

Evening **Activities**

Residential students have the opportunity to be even more immersed in London culture. From experiencing the award-winning culinary scene and visiting tourist hotspots to bowling, mini golf and theatre trips, students will have an unforgettable summer and make life-long connections.*











**evening activities differ every week, get in touch with your trusted advisor for more information.*

Safety, Security and **Support**

We understand that for most students, this will be their first time experiencing the world away from school which is why we place safeguarding at the forefront of all of our experiences. All of our Career Camps are led by DBS certified leaders and our team is on hand round the clock to answer any concerns.



All leaders, tutors and guardians are **fully DBS certified** ensuring a heightened level of care.

Our group leaders create a **calm**, **comforting** and **safe** environment for students to thrive.

Residential students stay in **secure single** occupancy rooms with all meals provided.

All of our sites have **round the clock security** to ensure the safety of all students on our programmes.

Experience life away from home in a **supportive**, **safe** and **sociable environment** before university

Gain access to top London businesses with DBS checked mentors and guardians.

International Student **Support**

For our international students, we offer even more support, from airport transfers to orientation days, we ensure every student feels comfortable, confident to participate and at home from the outset.

Dedicated Arrival Support: airport transports available from Heathrow

Clear Communication for Families Abroad: regular updates and photos shared and 24/7 emergency contacts available

Practical Travel Help: Guidance on UK visa letters and travel documents and clear packing lists and pre-arrival information

Small Group Sizes: Ensuring all students feel confident in participating

Orientation and Cultural Adjustment: Welcome sessions to introduce London life, local customs and safety tips including ice-breaker activities

24-Hour Supervision: Experienced residential team available day and night



Hear from our **Alumni**

Choose your future with **confidence**

We are very proud to say that students have a 92% success rate of getting into their first choice university. Many have come on our Career Camps to enhance their personal statement and maximise their chances of success. Don't just take our word for it, have a look at what some of our alumni thought of their experience.

★★★★★ Medicine

I really enjoyed the practical activities, we learnt suturing and did a simulated surgery. I also like that we got to talk to real doctors. I'd definitely recommend this!

98.9%

Satisfaction rate from students who have taken part in a Career Camp



★★★★★ Law 2026

The summer camps were really insightful! I attended the Law camp and learnt a lot about the profession in a practical way. We went to the Royal Courts of Justice, did a mock trial, and had some talks from lawyers.

99%

of students say they would recommend Career Camps to a friend

★★★★★ Psychology 2026

The sessions were extremely valuable and engaging. What impressed me most was how professionally the tutors managed to give each student individual attention while keeping them interested, involved and enthusiastic throughout the programme

★★★★★ Chem Eng 2026

Exposure to new clinical techniques and skills that I wouldn't have otherwise had the opportunity to experience. Our supervisor was extremely kind and engaging, and I felt she went above and beyond to make sure that we felt fulfilled and prepared after this week, whilst still making it enjoyable. I feel as if I have gained a multitude of new skills and gained advice from people that are in the position I aspire to be in eventually.





★★★★★ Finance 2026

I found the Banking and Finance work experience really useful. I got great exposure through the places our leader took us and learned a lot, despite knowing very little at the start. I'd recommend it to anyone interested in the field.

2,500+

5 reviews, our students rate us as top experience for gaining relevant and insightful skills for the future*



Intake **Dates**

Ready to take the next step? Speak with your trusted educational advisor today to get full details on upcoming program dates, availability, and pricing. See below for our intake dates, as well as accommodation check-in and check-out information.

	Accommodation Check In	Camp Start Date	1 Week Camp End Date	1 Week Accommodation Check Out	2 Week Camp End Date	2 Week Accommodation Check Out
Intake 1	27th June 2027	28th June 2027	2nd July 2027	2nd July 2027	9th July 2027	9th July 2027
Intake 2	4th July 2027	5th July 2027	9th July 2027	9th July 2027	16th July 2027	16th July 2027
Intake 3	11th July 2027	12th July 2027	16th July 2027	16th July 2027	23rd July 2027	23rd July 2027
Intake 4	18th July 2027	19th July 2027	23rd July 2027	23rd July 2027	30th July 2027	30th July 2027
Intake 5	25th July 2027	26th July 2027	30th July 2027	30th July 2027	6th August 2027	6th August 2027
Intake 6	1st August 2027	2nd August 2027	6th August 2027	6th August 2027	13th August 2027	13th August 2027
Intake 7	8th August 2027	9th August 2027	13th August 2027	13th August 2027	Not Available	Not Available

Fees and **Add-ons**

All of our camps provide students with the tools they need to succeed. An all encompassing view of their future, packed full of hands-on experiences, networking opportunities and industry visits.

Length	Camp Only	+ Residential *
1 Week	£1,799	£2,999
2 Weeks	£2,999	£5,499
3 Weeks	£3,999	£7,499

**Our residential packages include single occupancy rooms with a shared bathroom in Central London, meals (dietary requirements catered for) and an evening activity supplement. If you would like an ensuite bathroom, there is an add-on option below.*

Add-Ons	
Extra Night	£100
Airport Tansfer (Return)**	£300
Ensuite Bathroom	£250/£500/£750

*** Our airport transfers only operate to and from Heathrow Airport*

Your Options **Explained**

What's included?	1 Week	2 Week	3 Week
Hours of subject-specific programme	30	60	90
Hands-on career simulations	✓	✓	✓
Programme materials, equipment and resources	✓	✓	✓
Minimum 2 out of classroom experiences	✓	✓	✓
On-site safeguarding and pastoral care	✓	✓	✓
Industry on-site experience	✓	✓	✓
Graduation ceremony + Printed, framed certificate	✓	✓	✓
Dedicated UCAS day	✓	✓	✓
Career coach	✓	✓	✓
Minimum 4 out of classroom experiences		✓	✓
Personalised feedback from mentors		✓	✓
Personalised reference letter		✓	✓
Optional UCAS points (8 points) *		✓	✓

**Subject to approval*

What's included in the Summer Residential Package?	1 Week	2 Week	3 Week
Private room + shared or ensuite bath	5 nights	12 nights	19 nights
Breakfast, lunch & dinner	✓	✓	✓
Snacks & water	✓	✓	✓
Travel to/from accommodation to venue	✓	✓	✓
Evening social activities	✓	✓	✓
24/7 safeguarding & pastoral support	✓	✓	✓
Weekend sightseeing		✓	✓
Airport transfers to/from Heathrow Airport	*Available as an add-on*		