Summer Career Camps

Chemical Engineering

Choose Your Future with Confidence



Department for Education

Top 10 Educational Institutions

UKStartUp Awards
Best Start Up

Chemical Engineering **Summer Career Camp**

Choose your future **with confidence**

Our **Chemical Engineering Summer Career Camp** bridges theory and practice through hands-on workshops, real-world industry visits, and direct mentorship from engineering professionals. Discover what a career in chemical engineering really looks like; explore processes, materials, innovation, and industrial applications while gaining a clearer vision of your future education and career.



- 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

Loved all the practical/lab stuff in particular- also really liked our mentor he felt easy to talk to. Felt very exclusive like I wouldn't get that opportunity again especially with our UCL visit.

Peter, 2026 Chemical Engineering Career Camp

Why should **I attend?**

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

Experience Chemical Engineering firsthand before choosing your future

Step beyond textbooks into real Chemical Engineering labs to feel the daily excitement of the field.

Behind-the-scenes access to cutting edge facilities

Tour active Chemical Engineering sites, see advanced tech in action, and imagine yourself working there.

Build a network of mentors and industry contacts

Connect with practicing Chemical Engineers, 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: **Chemical Engineering**

Choose your future with **confidence**

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
AM		Intro to Chemical Engineering	Pharmaceutical Engineering	UCL LAB	Reaction Engineering Workshop	UCAS Application and Personal Statement Intensive	2 Week Students: London Tour
	LUNCH						
PM	Hello and Check In	Advanced Process Safety & Loss Prevention Workshop	Distillation Simulation Workshop DSWIM	UCL LAB	Process Design & Economics	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.



Elie

Chemical Engineering | **University College London**

Elie is completing a MEng in Chemical Engineering at University College London, with a minor in Applied Software Engineering and Programming for Data Science. He loves showing students the real breadth of his field.

Initially considering medicine, Elie discovered his true calling through courses in water treatment and computational fluid dynamics, which revealed how chemical engineers tackle everything from sustainability to high-tech manufacturing. He has earned First Class Honours in every year so far, was awarded the Sir Chris Harold Prize for Scientific Research, and has taken on leadership roles such as Transition Mentor, guiding first-year students through university life.

Elie's experience extends beyond the classroom. He manages the finances of several independent London restaurants, giving him real insight into entrepreneurship and project management. He has also completed a Harley Street Clinic internship, gaining cross-disciplinary experience that blends engineering principles with healthcare innovation.

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!



Industy **Visits**

Choose your future **with confidence**

Students will gain exclusive access to leading Chemical Engineering sites and partake in bespoke, interactive sessions to maximise their applications. Take a look at some of our example industry visits.



University College London - Lab Visit

Step inside a leading university laboratory to see chemical engineering research in action. Get a feel for life as a student at UCL and the cutting-edge facilities on offer. Discover what studying the subject at degree level really looks like.



Brewery Visit

Go behind the scenes at a working brewery to see chemical engineering at full scale. Follow the journey from raw ingredients to finished product through fermentation, heat transfer and process control. Discover how the science you've studied plays out in a real production environment.



> *We engaged in many different activities throughout the week, and I highly appreciate the variety: lab visit, practical in the classroom, lecture by a UCL professor, calculations, as well as the session about UCAS applications. The programme was well-curated and gave me a holistic understanding of the studies involved in a BEng in Chemical Engineering as well as the breadth of industries which employ Chemical Engineers. All in all I feel like I have gained a lot from this experience and feel more motivated and confident to pursue this subject at university.*
>
> **Leandra, 2026 Chemical Engineering Summer Career Camp**



Interactive **Workshops**

Choose your future **with confidence**

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.*

Intro to Chemical Engineering	Discover how chemical engineering transforms science into real-world solutions. Explore its role in medicines, fuels, food, clean water, and sustainable technologies, while uncovering the diverse industries and exciting career paths it can lead to.
Pharmaceutical Engineering	Learn about the science behind drug formulation before putting your knowledge into practice through a hands-on experiment. See how engineering, science, and manufacturing come together to shape the future of healthcare.
Reaction Engineering Workshop	Investigate how reaction rates and temperature affect chemical processes through an exciting clock reaction experiment. Then put your knowledge into practice by designing simple reactors to achieve a target conversion.
Advanced Process Safety & Loss Prevention Workshop	Master the professional toolkit engineers use to manage risk and keep complex plants safe. Learn how to apply essential methods—including HAZOP, Ishikawa, Event Tree, Fault Tree, Bowtie, and Failure Rate Calculations—to real-world industrial scenarios.
Process Design & Economics Part 1 and 2	Find out how chemical engineers design, optimise, and control industrial processes from start to finish. In Part 1, analyse a simplified bioethanol production process, construct a process flow diagram, and use mass balance calculations and cost estimation to evaluate efficiency and sustainability.
Distillation Simulation Workshop	Step into the role of a process engineer using industry-style simulation software. Model a distillation column and see how changing conditions affects separation and efficiency. Discover how engineers design and optimise one of the most important processes in the chemical industry.
Water Treatment	Build and test a layered filtration system, analyse its effectiveness, and discover how engineers design treatment solutions that protect public health and the environment. Put engineering principles into practice and tackle one of the world's most important sustainability challenges.
Mott McDonald Aeration Workshop	A real water treatment setting to see how engineers transfer oxygen into water during biological treatment. Through guided observation and a design challenge, explore how mass transfer principles work in industry. Discover how a global consultancy tackles real infrastructure problems.

**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 of 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*		

