

A young man with dark hair, looking upwards and to the left, is the central figure. He is wearing a bright orange high-visibility safety vest over a dark grey long-sleeved shirt. A blue lanyard with the word 'INVESTIN' in white capital letters is around his neck. He is holding a black smartphone in his right hand. On his left wrist, he wears a black digital watch. The background is a complex, metallic industrial environment with various pipes, wires, and mechanical components. The lighting is dramatic, with strong highlights and shadows.

INVESTIN

THE
ENGINEER
SUMMER EXPERIENCE

Ages 15-18
London | UCL Campus

The Ultimate Work Experience in ENGINEERING

Over the course of 2 weeks, you will step into the shoes of an engineer through a range of immersive career simulations and exclusive professional site visits.

Have the unique opportunity to explore a wide range of engineering specialisms, including civil, aerospace, materials, electrical and biomedical engineering. Discover the applied physics and chemistry that underpin these fields through a range of practical projects, with expert feedback to aid your skills development.

Ages
15-18

Location
London, UCL Campus

Length
1 week or 2 weeks

Start Dates
5th July, 19th July, 16th August

Programme highlights



Visit a working airfield and learn from aeronautical engineers on aeroplane mechanics and maintenance



Explore the inner workings of a petrol engine in a live teardown, under the guidance of a mechanical engineer



Explore Europe's largest supercar facility and see 100 years' worth of automotive developments



Compete in an assessed activity, receive professional feedback and get expert career and UCAS application coaching.



Gain a certificate, industry reference letter and an accredited Level 3 Award in Work Experience & Career Planning



Work alongside expert aeronautical, materials, civil and biomedical engineers throughout



	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:30 - 09:30	Residential students arrive & check-in	Breakfast				
10:00 - 10:30		Travel to Venue				
10:30 - 13:00		The World of Engineering Programme welcome and peer networking	The Aeronautical Engineer: Flightlab A day of hands-on aeronautical and aerospace engineering activities	The Aeronautical Engineer: In Industry Visit an airfield and take a guided tour of the facilities, learning about aircraft maintenance	The Materials Engineer Conduct your own metallurgical failure analysis and explore the application of chemistry in engineering	The Civil Engineer Learn the basics of load bearing and structural integrity before building and testing a civil engineering structure
13:00 - 14:00		Lunch Break				
14:00 - 17:00		Principles and Theories of Flight Learn the fundamentals of flight and prototype your own aerofoil, ready for testing	Continued	Continued	Continued	Continued
17:00 - 17:30		Travel to Accomodation				
17:30 - 19:30	Dinner & Break					
19:30 - 22:00	Induction & icebreakers	Movie night	Board game café	Sports & games night	Wellness evening	Quiz night
22:30	Lights Out					
	WEEKEND (ENHANCED)			WEEKEND (RESIDENTIAL)		
	SATURDAY	SUNDAY		SATURDAY	SUNDAY	
07:30 - 09:30	Breakfast			Breakfast		
10:30 - 13:00	Immersive strategy game & workshop	Professional development coaching sessions		Break - Free time	Break - Free time	
13:00 - 14:00	Lunch Break			Lunch Break		
14:00 - 17:00	Psychometric testing & personality profiling	Expert university admissions & recruitment coaching		London walking tour	Sports day at central London park	
17:30 - 19:30	Dinner & Break			Dinner & Break		
19:30 - 22:00	Scavenger hunt	Crafts night		Scavenger hunt	Crafts night	
22:30	Lights Out			Lights Out		
	WEEKEND (NON-RESIDENTIAL)			Break - No Programmes		

Week 2 Sample Summer Experience Timetable

Residential Package Programme Content Enhanced Content

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:30 - 09:30	Breakfast					
10:00 - 10:30	Travel to Venue					2-Week Residential students check-out & depart
10:30 - 13:00	The Sustainable Engineer Use engineering principles to design a sustainable intervention	The Mechanical Engineer: Supercar Experience Tour a classic car collection, tear down an engine and explore electric vehicles and aerodynamics in the automotive industry	The Biomedical Engineer Examine the intersection between medicine and engineering by conducting your own client innovation challenge	The Electrical Engineer and Robotics Build and code your own line-following, obstacle-avoiding robot buggy	The Final Project Take part in an assessed activity and receive feedback from top engineers	
13:00 - 14:00	Lunch Break					
14:00 - 17:00	Continued	Continued	Continued Explore the different technologies utilised by biomedical engineers such as motion capture	Continued	Graduation Ceremony Closing speeches and certificates	
17:00 - 17:30	Travel to Accomodation					1-year access granted to The InvestIN Career Accelerator
17:30 - 19:30	Dinner & Break					
19:30 - 22:00	Film night	Sports & games night	Wellness evening	Karaoke night	Prom	
22:30	Lights Out					

Exact start/end times of each day will vary. Students will receive their personalised timetables with specific locations and venues, as well as a finalised social programme schedule, closer to the programme start date.



“One of the best things I’ve done for my child. Some of the experiences she got just sounded out of this world, but more than that she was so complimentary about the staff -- both the engineers and the organisers. She stayed at their university halls and made lots of new friends.”

Parent, the Young Engineer
Summer Experience 2022

“My highlights were sustainable engineering, and the biomedical engineering session where we used motion capture was incredible! We had so much fun doing it and for me it was something completely new. Overall it was an absolutely amazing experience! I’ve learned a bunch of new things, made new friends and all the staff were friendly, supportive and patient.”

Student, the Young Engineer
Summer Experience 2025

DATES & FEES

	Accommodation Check-In	Programme Start Date	Week 1 Programme End Date	Week 1 Accommodation Check-Out	Week 2 Programme End Date	Week 2 Accommodation Check-Out
Intake 1	Sunday 4th July 2027	Monday 5th July 2027	Friday 9th July 2027	Saturday 10th July	Friday 16th July 2027	Saturday 17th July 2027
Intake 2	Sunday 18th July 2027	Monday 19th July 2027	Friday 23rd July 2027	Saturday 24th July	Friday 30th July 2027	Saturday 31st July 2027
Intake 3	Sunday 15th August 2027	Monday 16th August 2027	Friday 20th August 2027	Saturday 21st August 2027	Friday 27th August 2027	Saturday 28th August 2027

Length	Day Programme Fee	Residential Programme Fee
1 week	£2,290	£3,865
2 weeks	£3,865	£6,995
2-week Enhanced	£4,620	£7,930

Add-On	Fee
Airport transfers <i>Available to/from Heathrow Airport only</i>	£300 return

WHAT'S INCLUDED IN
PROGRAMME FEES?

	1-Week Summer Experience	2-Week Summer Experience	2-Week Enhanced Summer Experience
Hours of contact time with professionals	25	50	62
Hands-on career simulations	✓	✓	✓
Programme materials, equipment & resources	✓	✓	✓
Programme assessment & digital certificate	✓	✓	✓
On-site safeguarding & pastoral care	✓	✓	✓
Experience UCL campus	✓	✓	✓
Excursions to professional workplaces/venues	✓ Up to 2	✓ Up to 5	✓ Up to 5
Assessed activity		✓	✓
Graduation ceremony & physical certificate		✓	✓
Industry reference letter signed by professionals		✓	✓
Level 3 Award in Work Experience & Assessment for UCAS Points		✓	✓
Professional development & university admissions coaching		✓	✓
CV, LinkedIn & job application workshops			✓
Experience LSE campus			✓
Psychometric testing & personality profiling			✓
Private Gala dinner & networking event with professionals			✓
1-year access to The InvestIN Career Accelerator for virtual micro-internships & AI interviews			✓

WHAT'S INCLUDED IN THE
SUMMER RESIDENTIAL PACKAGE?

	1-Week Summer Experience	2-Week Summer Experience	2-Week Enhanced Summer Experience
Private, single, ensuite bedroom	6 nights	13 nights	13 nights
Breakfast & dinner at accommodation canteen		✓	
Snacks & refillable water bottle		✓	
Travel to/from accommodation venue		✓	
Evening & social activities		✓	
Prom night			✓
24/7 safeguarding & pastoral support, including a designated Pastoral & Activity leader, Centre Managers & a medical office		✓	
Airport transfers to/from Heathrow airport	Available as an add-on		



Find out more about our professionals, venues, residential package & FAQs in our main prospectus

Find out more

How to Register

Registering for an InvestIN programme is a simple, straightforward process.

- ✓ **No application process**
Students don't require prior knowledge or experience in order to attend.
- ✓ **Places are limited**
We are typically fully booked for summer programmes by late spring.



1

Selection

Head to our website and choose your desired career, length and date of programme.

2

Payment

Pay in full online or secure your place by paying a non-refundable £950 deposit. Alternatively, contact us to pay via invoice.

3

Enrolment

You will be invited to complete a student enrolment form, so we can capture important information for your time with us, such as medical information, travel details and emergency contacts.

4

Pre-Programme

Once you have completed the student enrolment form, you will receive your pre-arrival pack, including your personalised timetable and materials.

5

Post-Programme

After you have attended a programme, you will receive a copy of the slides and content covered and be invited to complete an online assessment to receive your personalised certificate.

6

Stay in touch!

We love to hear what our alumni go on to achieve. Look out for future invitations to share your next steps with us.

Have questions?

Not sure which programme is for you?

Our admissions team are here to help. Chat live via our website, www.investin.org, email us at international@investin.org or speak to us over the phone on + 44 (0) 203 488 5089.

**REGISTER
NOW** →