

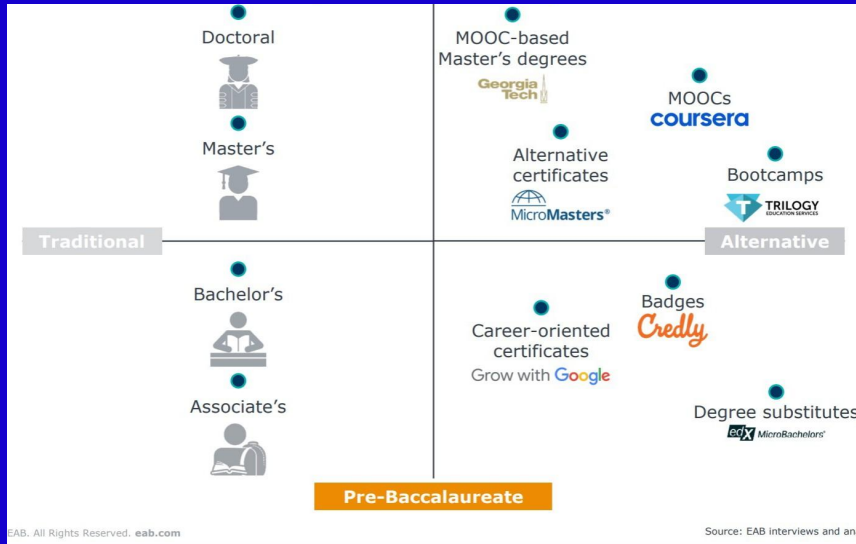
A photograph of four people (three men and one woman) sitting around a table in a meeting. They are looking at each other and talking. A laptop is visible in the foreground on the right. The background is a blurred office or meeting room.

IMPERIAL

Institute of Extended Learning

For humanity to thrive in a science and tech-driven world, higher learning institutions must act **quickly and decisively**. Our new **Institute of Extended Learning** expands beyond degree programmes to offer advanced STEM training. Working with Imperial academic departments and our new Schools of Convergence Science, the Institute provides **advanced skills training** for individuals, businesses, governments and other knowledge organisations.

A changing landscape



Britain ...needs massive investment in education – including *life-long* and *life-wide* adult education...it is – an *investment* for the future: in people, communities, the economy, and society. This is needed for the changing world of work, individual wellbeing, societal resilience, community cohesion, and a rejuvenated democracy.

Jonathan Michie (Oxford University) and UALL

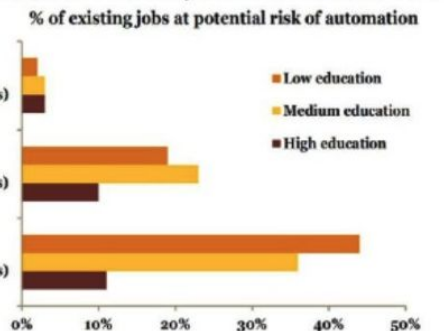
Singaporeans will have to move away from the idea of "frontloading" education, that is, completing all their study before going out to work. ... So, to keep on adapting and advancing, you have to embrace lifelong learning."

Singapore Education Minister, Ong Ye Kung

..an unprecedented skills gap

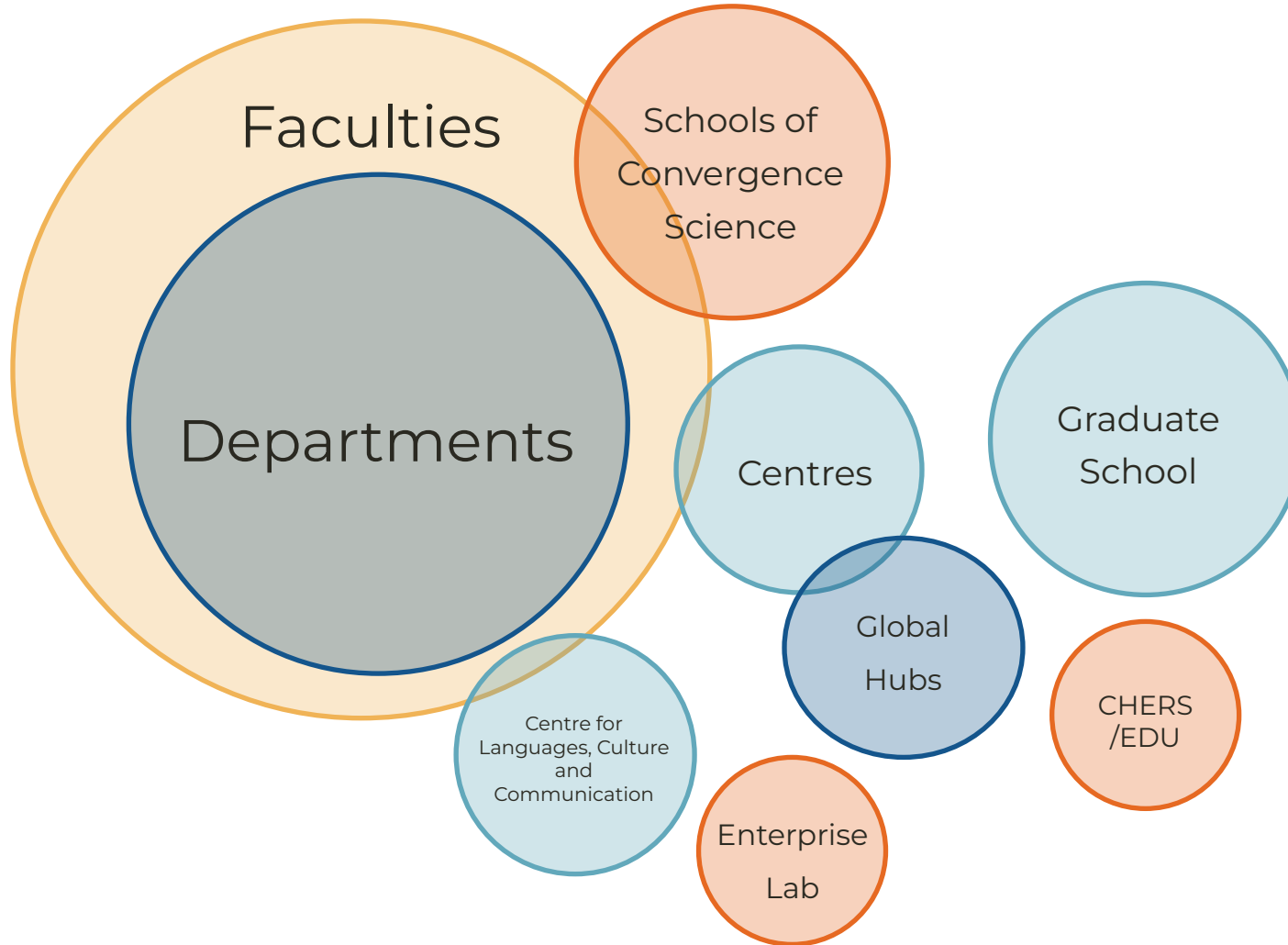


Potential job automation rates by education levels across waves



Strategically expanding our educational focus

PRE-UNIVERSITY



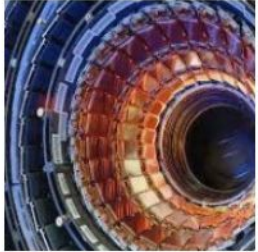
POST-UNIVERSITY

Responding to the needs of a rapidly changing workplace: The workplace is changing rapidly, and technology is accelerating the pace of that change. Skills and jobs exist now that were unthinkable even 20 years ago, and we can only try to imagine what they will be like beyond 2040.

Building on our degree experience: Act with speed, agility, foresight, and increase impact and reach. Expand beyond degrees to offer flexible STEM training for lifelong learners.

Upskilling and Reskilling: Our goal is to future-proof careers, businesses and communities by providing the advanced skills training and values-driven leadership needed to thrive in a tech-enabled world.

Advanced STEMB capabilities and leadership skills for a tech enabled future



**Lifelong Learning
Accelerator**



**Summer
Schools**



**Executive
Education**



**Communication & Critical
Thinking Skills**



**Digital
Education**

We will future-proof careers, businesses and communities by providing a **portfolio of advanced STEMB and skills training** needed to thrive in a tech-enabled world.

We will offer customised, high-end **short courses for executives and professionals**. We will leverage our interdisciplinary excellence to train individuals, businesses, governments and other knowledge organisations.

We will unlock new career opportunities or **stacked over time** to achieve a formal degree award.

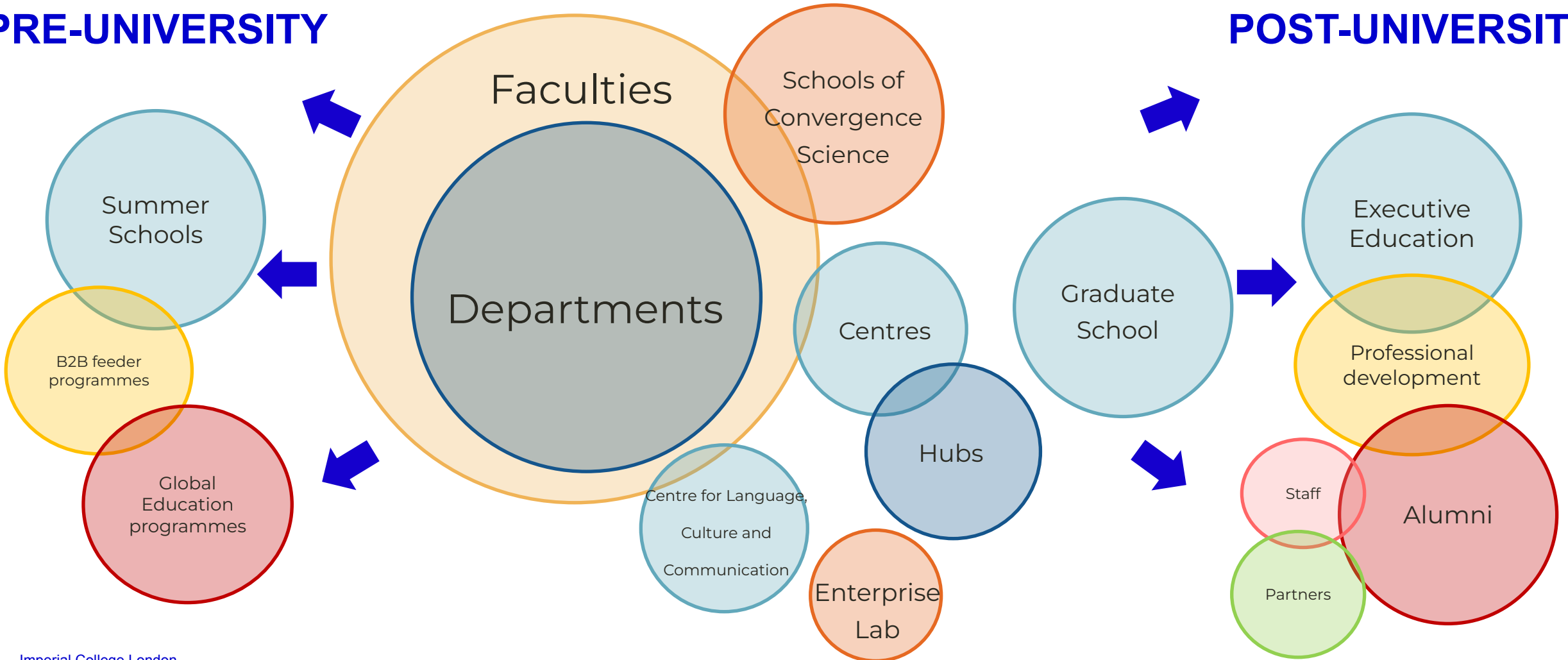
We will equip learners with the knowledge, skills and leadership capability to grasp new opportunities in rapidly advancing fields such as **AI, cleantech, deep tech, quantum, engineering biology and climate science**.

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IEL focus

PRE-UNIVERSITY

POST-UNIVERSITY

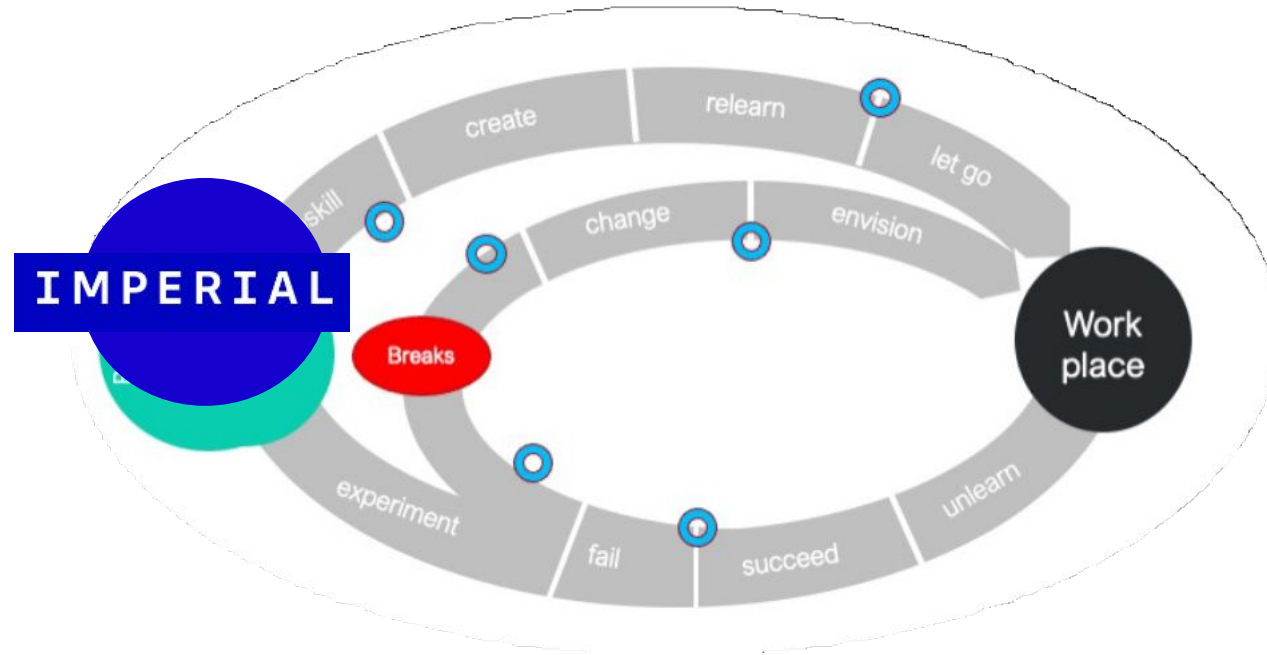


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Building upon and
expanding linear
education

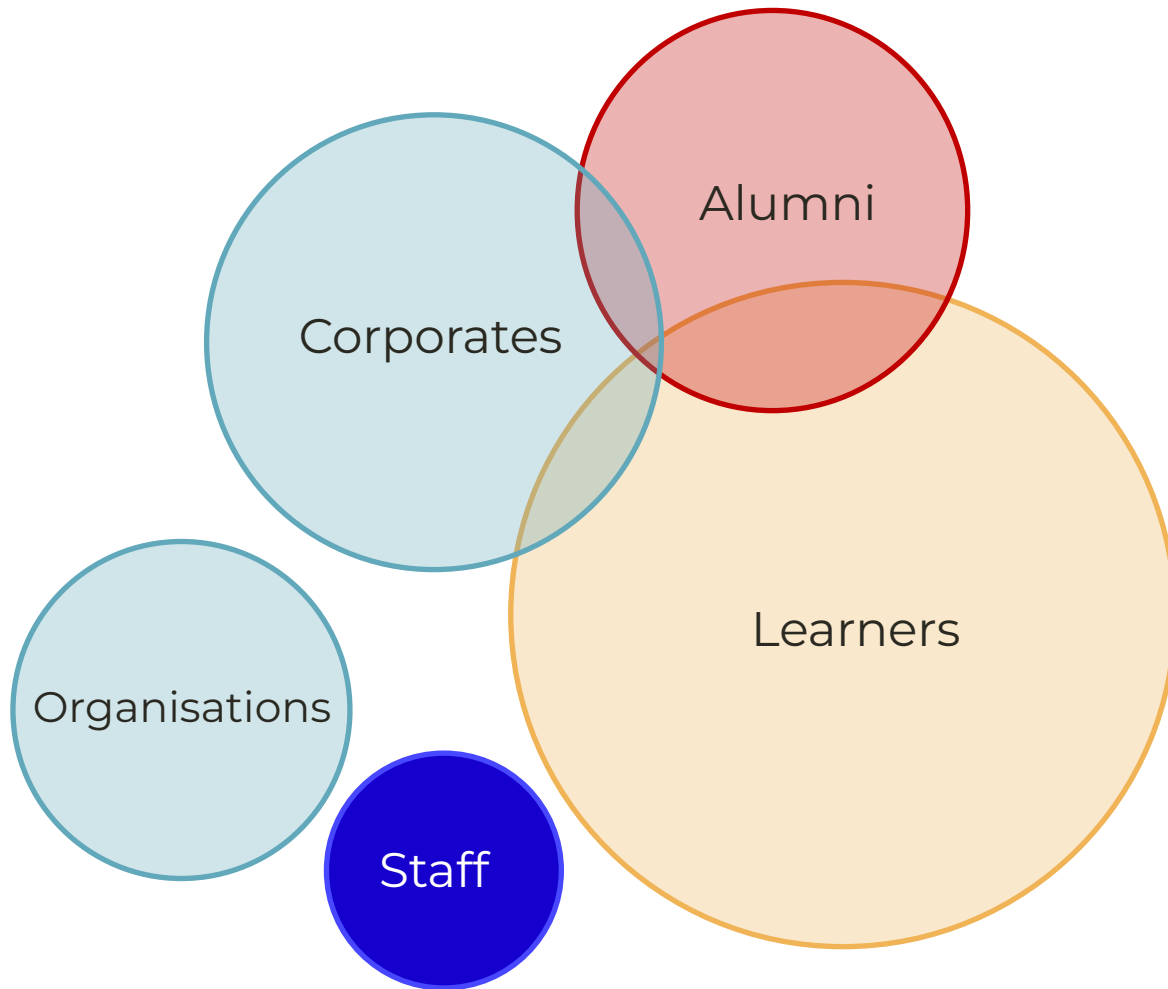


to extended learning and
lifelong employability



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Priority stakeholders of IEL



Not for credit activities:

- Executive Education (custom & open programmes)
- Continuing Professional Development courses
- Hosted programmes

For credit:

- Certificates
- Diplomas
- Stackable degrees

Diversified feeder programmes:

- Summer Schools
- Winter Schools
- Primary/Secondary taster sessions

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Establishing the IEL

July 2024:

- Imperial Council strategy deep dive
- Search process for Managing Director commences
- Implementation of new structure
- Recruitment to other key new roles

August - September 2024:

- Systems review, process mapping of units, quality assurance processes developed
- Comms plans and market outreach

October 2024:

- Official launch (website/PR/comms)
- B2B outreach
- Internal outreach

Year 1:

- Planned growth, marketing strategies
- Change management
- Faculty engagement
- Feed into longer term plans

Year 2:

- Fully formed, sustainable
- Portfolio of business lines offering

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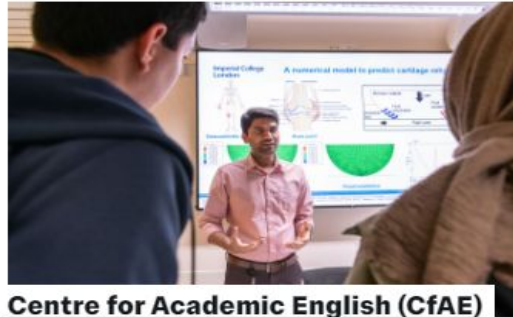
Institute of Extended Learning

Our areas of expertise



Executive Education

We equip professionals with cutting-edge business, tech, and leadership skills, offering innovative learning, leading faculty, and a global alumni network.



Centre for Academic English (CfAE)

We give you the tools to improve the clarity, effectiveness and impact of your academic and technical communication.



Interdisciplinary EdTech Lab (IETL)

We partner with academic, education and professional colleagues to design and co-create innovative, accessible digital learning experiences and solutions.



Continuing Professional Development (CPD)

We empower lifelong learners through advanced education in STEM disciplines, enabling them to stay at the forefront of innovation and industry developments.



Summer schools

Attending a summer school is a great way to explore your interest in STEM and discover more about Imperial.

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Summer & Winter Schools

- For UG or PG students.
- Typically, two weeks on campus.
- Cohort size: up to 60 students.
- Approximately 60 learning hours.
- The curriculum includes professional skills workshops and social activities.
- Team-based learning through group projects with tutorials.
- Groups present their projects on the final day.
- Students receive project mark and an attendance certificate.

Summer Programmes for 2025:

- Robotics
- Design Engineering for Innovation
- Security & Resilience
- Integrated Space Science & Engineering
- World Energy Challenge
- Climate Change and Sustainability
- Data Science and AI
- Machine Learning and Applied Statistics
- Systematic Trading
- Business Consulting and Strategy
- Business Analytics
- IBR Dominated Power Systems
- With optional masterclasses

Imperial data science summer school



Artificial Intelligence and Data Science for Healthcare Innovation



Imperial-RCA design for global challenges summer school



Creating Entrepreneurial Impact for a Sustainable Future Winter School



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Hosted Programmes

- With international university partners.
- For UG/PG/MBA/PhD students as part of their global insight module.
- Typically, between 2 to 5 days on campus, some with relevant visits.
- Cohort size between 30 to 40.
- Up to 7 learning hours per day.
- Often tailored.
- Some jointly delivered.
- Group project option.
- Students receive an attendance certificate.



Security and Global Entrepreneurship
(for PhD students)

Navigating through Crises
- with Carey Business School
(for MBA students)



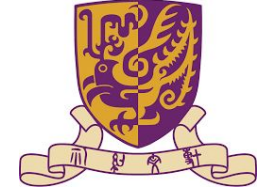
Shaping the Future of Energy
(for EMBA students)



Climate Change and Business Strategy
(for DBA students)



Finance & AI
(for EMBA students)



Entrepreneurial Finance
(for UG students)

Global Brand Management
(for MBA students)



Quantitative Trading Strategies
(MSc Finance students)