



CAMBRIDGE **MEDICINE** PROGRAMME

This is a world-class Medical Programme designed to give participants a deep insight into studying Medicine and to prepare them for applying to gain a place at the best Medical School.

Venue: The Leys School, Cambridge, UK.

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Cambridge Medicine Summer School



A Unique Experience for Future Doctors

The Cambridge Medicine Programme is a two-week intensive programme designed to give students a genuine taste of studying medicine at university. Delivered by senior faculty from the University of Cambridge, UK, the programme is rigorous, fast-paced, and highly practical. It is intended for ambitious students who are seriously considering applying to medical school and want to prepare themselves with knowledge, skills, and confidence.

Unlike other courses, this summer school goes far beyond lectures: students are immersed in real clinical scenarios, hands-on workshops, and thought-provoking debates. Participants will be challenged to think analytically, communicate clearly, and collaborate effectively – developing the essential skills and confidence required for a strong foundation for future success at university.

Join us for an inspiring introduction to Medicine and a unique opportunity to experience the academic and clinical excellence that defines the Cambridge tradition.



What Makes the Programme Unique? >>



Faculty from Cambridge University

Sessions are taught by leading Professors, researchers and educators from the University of Cambridge.

Mentorship from Cambridge students

Participants are accompanied by current University of Cambridge medical students, who provide supervision, teaching support, and personal guidance throughout the course.

A true medical school experience

From anatomy to ethics, students learn in the style of a university medical curriculum. A focus on some core elements of medicine as well as emerging and exciting modules exploring how machine learning will impact the future of medicine.

Hands-on and practical:

Clinical skills, anatomy labs, and operating theatre simulations ensure students learn by doing.

Preparation for applications

Guidance on personal statements, interviews, and admissions, including insights into medical entry pathways such as UCAT (UK) GAMSAT, IMAT (Europe), MCAT (USA) or the JUPAS forms for Hong Kong.

Small class sizes

Typically 20-25 students per class, ensuring close supervision, mentoring, and plenty of individual attention.

Rigorous and rewarding

The programme is hard work, but students leave inspired and ready for the next stage of their journey.

Places are limited, and applications from top students are considered on a first-come first-served basis.





Example Sessions

Clinical Skills

Students step into the role of a doctor, learning the art of history-taking and physical examination. Through role-play, group work, and hands-on practice with stethoscopes, they learn to take a patient's pulse, listen to heart and lung sounds, and recognise key clinical signs. This session also introduces the principles of medical investigations and diagnosis, giving students their first taste of working like a real clinician.

Cardiovascular Disease & Diabetes

This session explores some of the most pressing global health challenges. Students investigate why diseases such as heart attacks and diabetes are on the rise worldwide, consider the impact of lifestyle and social factors, and work in groups to design public health campaigns. The session also introduces the principles of treatment – from lifestyle changes to cutting-edge surgical interventions – and invites students to think about how doctors balance prevention, cure, and patient support.

Operating Theatre Practical

Few opportunities are more exciting than stepping into the operating theatre. In this session, students are introduced to anaesthetic equipment, surgical gowns, and instruments. They learn how to scrub in like surgeons and explore the tools used in both open and laparoscopic surgery. This immersive experience allows students to picture themselves in the future role of a doctor, experiencing the teamwork and precision that define surgical practice.



Example Sessions

Practical & Interactive Elements

- › Anatomy theory and practical classes
- › Physiology experiments measuring blood pressure and heart rate
- › Basic life support training (adult and paediatric)
- › Medical ethics courtroom debates
- › Exposure to cutting-edge fields such as stem cell biology, biotechnology, and AI in medicine

Preparing for Medical School Applications

In addition to academic and clinical teaching, students benefit from:

- › Workshops on personal statements and essays
- › Mock interview and critical thinking practice
- › Presentation and communication skills training
- › Preparing for entry exams and university application strategy

These sessions ensure students not only gain insight into medicine but also leave with tools to excel in competitive university admissions.



Example Timetable

Day	Morning session	Afternoon Session
1	Presentation Skills	Anatomy Theory
2	History of Medicine	Biochemistry
3	Transplantation	Analytical Thinking and Presentation Skills
4	Diabetes and Cardiovascular Health	Stem cell biology
5	Nervous system and neurobiology	Clinical communication and examination
6	Anatomy Practical	Essay Writing
7	Machine Learning & AI	Medical Ethics
8	Physiology Theory	Physiology Practical
9	Biotechnology and digital health	Basic Life Support
10	Operating theatre	Applying to University and interview skills



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Who Should Apply?

This programme is ideal for exceptional students aged 14-16 who are strongly considering medicine as a career. It is especially suited for those applying to leading universities in Hong Kong, the UK, or internationally.

Why Schools and Students Recommend Us

By encouraging students to join this summer school, schools can provide their pupils with:

- A transformative academic experience that inspires and motivates.
- Clarity about a medical career path, gained from direct exposure to Cambridge faculty and mentors.
- Opportunity to maintain connection with staff and mentors.
- A competitive advantage in university admissions.

Cambridge Medicine Summer School

Delivered by Cambridge faculty, supported by Cambridge student mentors, with limited places and small class sizes. A rigorous, practical, and inspiring programme for the doctors of tomorrow.



www.cambridgeprogrammes.com





Private applicants: please e-mail: info@cambridgeprogrammes.com for an application form

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