



ProEd

CAREER EXPLORATION
PASSION-DRIVEN



FUTURE DOCTOR SUMMER 2025





The Ultimate Work Experience by ProEd

ProEd offers immersive career learning experiences for students aged 13-18 who aspire to enter competitive fields such as Computer Science, Medicine, Psychology, Law, Entrepreneurship, Banking, and Finance.

Our residential programmes offer the 'ultimate work experience' through interactive simulations, site visits, seminars, networking sessions, and career coaching.

We have partnered with industry-leading organisations and experts to give students a unique insight into their chosen career path. The programme content has been designed by industry experts, providing a truly unique vocational insight into your chosen career.

FUTURE DOCTOR COURSE OVERVIEW

For aspiring doctors ready to take the next step. Explore our timetable & course overview!

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INDUSTRY-LEADING PROFESSIONALS

To provide our students a unique insight into their chosen career path

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TAKE PLACE IN A TOP-10 UK UNIVERSITY

One of the London's world-class universities

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Future Doctor

The programme offers students an interactive experience that provides a comprehensive insight into the life of a medical professional. Participants will delve into various concepts, such as physiology and clinical medicine, with a specific focus on the gastrointestinal, respiratory, cardiovascular, and neurological systems. Additionally, the programme will cover cutting-edge techniques, as well as provide valuable insights into surgery and medical ethics. Students will have the opportunity to work alongside medical professionals in modern medical school facilities, participating in a hospital simulation. Using the knowledge gained during the programme, students will work in teams to develop a medical solution for a business, which will be presented to a panel of medical professionals.



CURRICULUM OVERVIEW


WEEK 1


- Physiology & Upper GI
- Respiratory
- Cardiology
- Neurology
- Immersive London Hospital Simulation

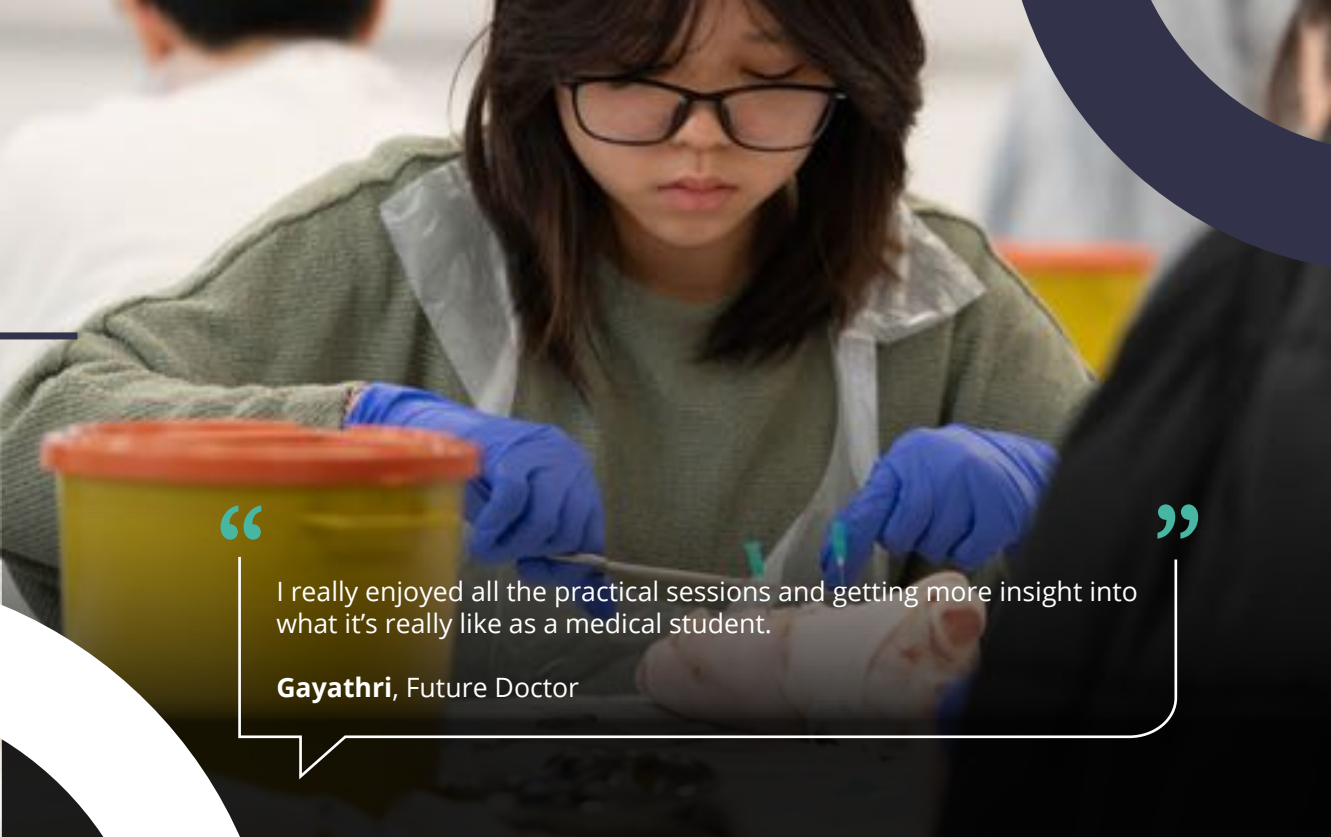
WEEK 2

- Surgery
- Medical Ethics
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

PROGRAMME DATES

 7th – 12th July

 21st July - 2nd August



“ I really enjoyed all the practical sessions and getting more insight into what it's really like as a medical student. ”

Gayathri, Future Doctor

GRADUATE DESTINATIONS

UNIVERSITY OF CAMBRIDGE

Medicine Anson Arthur Erfan Juliana

IMPERIAL COLLEGE LONDON

Medicine Kelly Kristy

UNIVERSITY COLLEGE LONDON (UCL)

Medicine Jamie

UNIVERSITY OF EDINBURGH

Medicine Charmaine

UNIVERSITY OF LIVERPOOL

Medicine Nicole

ASTON UNIVERSITY

Medicine Charlotte Claudia

Sample Timetable

WEEK 1

| | MON | TUE | WED | THU | FRI | SAT | SUN |
|-------|-------------|---|---|---|---------------------------|----------------|------------------|
| 08:00 | | | | | | | |
| 09:00 | | | | | Breakfast | | |
| 10:00 | | Academic Enrichment Seminar/Lecturer | Academic Enrichment Seminar/Lecturer | Academic Enrichment Seminar/Lecturer | Immersive Day in Industry | Science Museum | Oxford Excursion |
| 11:00 | | | | | | | |
| 12:00 | | | | | | | |
| 13:00 | | | | | | | |
| 14:00 | | Practical Workshop/ Simulation Activities | Practical Workshop/ Simulation Activities | Practical Workshop/ Simulation Activities | National History Museum | | |
| 15:00 | Arrivals | | | | | | |
| 16:00 | | | | | | | |
| 17:00 | | | | | | | |
| 18:00 | | | | | | | |
| 19:00 | | | | | Dinner | | |
| 20:00 | Ice breaker | Shopping | Guest Speaker | London Excursion | Quiz Night | Free Time | Free Time |
| 21:00 | | | | | | | |
| 22:00 | | | | | Evening Sign In | | |

WEEK 2

| | MON | TUE | WED | THU | FRI | SAT | SUN |
|-------|---|---|--|--------------------------------------|------------------------------------|------------|-----|
| 08:00 | | | | | | | |
| 09:00 | | | | | Breakfast | | |
| 10:00 | Academic Enrichment Seminar/Lecturer | Academic Enrichment Seminar/Lecturer | Academic Enrichment Seminar/Lecturer | Global Space Design Challenge (GSDC) | University Application Preparation | Departures | |
| 11:00 | | | | | | | |
| 12:00 | | | | | | | |
| 13:00 | | | | | | | |
| 14:00 | Practical Workshop/ Simulation Activities | Practical Workshop/ Simulation Activities | Final Project Presentations & Feedback | | | | |
| 15:00 | | | | | | | |
| 16:00 | | | | | | | |
| 17:00 | | | | | | | |
| 18:00 | | | | | | | |
| 19:00 | | | | | Dinner | | |
| 20:00 | London Excursion | Final Project Preparation | GSDC Preparation | Free Time | Awards Ceremony | | |
| 21:00 | | | | | | | |
| 22:00 | | | | | Evening Sign In | | |

Note: This sample timetable is for reference only and is subject to change.



DAY 1 Physiology & Upper GI

1. Course welcome from Programme Director.
2. Explore the science of autoimmune dysfunction with medical professionals.
3. Introduction to Clinical Pathophysiology.
4. Put theory into practice in a medical competencies. workshop. Learn the ropes of accurate history taking
5. Tackle an Upper GI patient case

DAY 2 Respiratory

1. Respiratory lung structure and function.
2. Understand the science behind the development of lung cancer and why it occurs.
3. The world of radiology - identifying pathologies on an X Ray.
4. Step into the shoes of a General Practitioner (GP). Learn how to identify, test and treat common problems in a simulated environment.

DAY 3 Cardiology

1. Cardiology heart structure and function.
2. Become an emergency medicine specialist - the workings of heart cells and electrical impulse (ECG).
3. Understand common vascular pathologies and their impact on cardiological function.
4. Learn how to perform a vascular examination - check signs and symptoms that can inform you of the state of a patients vascular (blood flow) system.

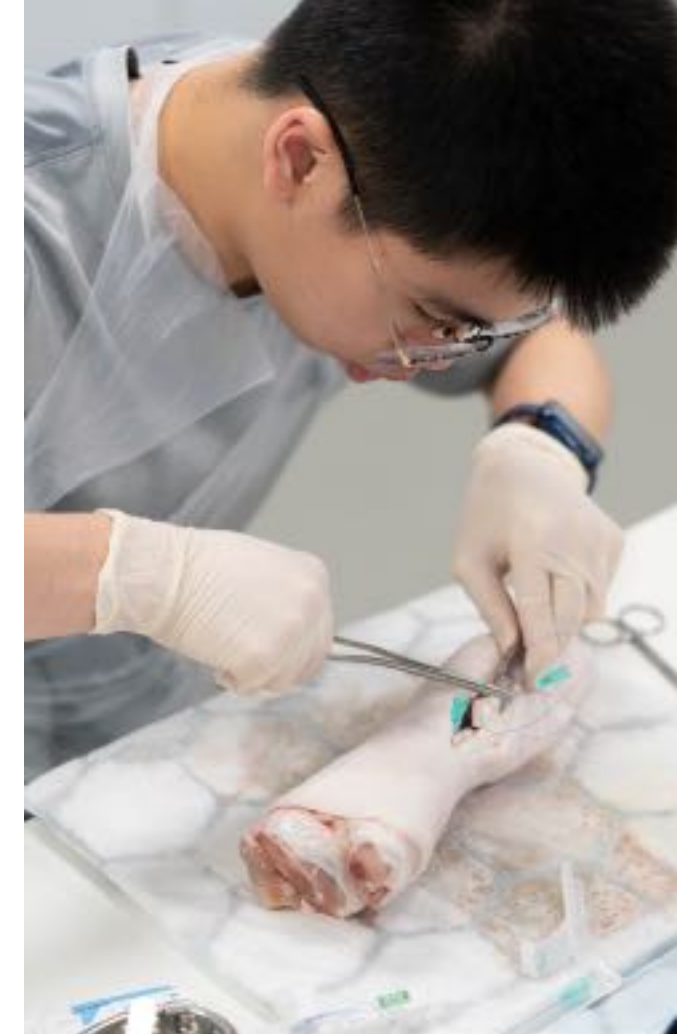
DAY 4 Immersive Day in Industry

1. Learn from the best at a state-of-the-art medical training facility.
2. Engage in simulation ward rounds, mirroring real hospital scenarios.
3. Conduct primary patient assessments under the guidance of experienced medical instructors.
4. Master essential clinical skills like phlebotomy and blood collection
5. Clinical skills workshop with NHS staff: CPR, Intubation, Suturing workshop.



DAY 5 Neurology

1. Immerse yourself in the world of Neurology. Learn about the brain, its structure and function
2. The science of infections and the immune defence system
3. Neurological examinations practical experience
4. Health coaching and advise - learn how to give advice to patients in a way that ensures they listen, reflect and act.



DAY 6 Surgery

1. Introduction to Surgery - learn the ins and outs of the processes involved in preparing patients for surgery, the operation process and post op.
2. Surgical Pathologies: introduction to basic anatomy, and case study on common pathologies.
3. Surgery simulation with UK-based surgeon.
4. Networking session with NHS surgeon(s).

DAY 7 Medical Ethics

1. Introduction to medical ethics.
2. The Pillars of medical ethics.
3. How to approach medical ethics in interviews.
4. Medical ethics debate - compile a convincing argument over contentious medical ethics questions.



Discover London

London, with over 2000 years of history, stands as one of the world's most dynamic and welcoming cities.

From vibrant street food markets to Michelin-star restaurants, it offers a rich cultural experience for every interest and taste. Its stunning architecture, vast green spaces, and bustling social scene are easy to explore.

Imperial College is located in London's prestigious museum district, just steps from top attractions and the city's lively heart.

Did you know...

- London is home to the iconic Natural History Museum, housing over 80 million specimens and stunning architecture.
- The Shard offers breathtaking panoramic views of the city from its towering 72 floors.
- Imperial College London, ranked 2nd globally (QS 2025), is a beacon of academic excellence.
- London's landmarks include Buckingham Palace, the Tower of London, and Westminster Abbey.
- With over 300 languages spoken, London is one of the most diverse cities in the world.

Explore the City

Whilst attending ProEd's London Summer Programme, students will have the opportunity to explore many of the iconic landmarks of the vibrant capital city.



Central London

Explore Trafalgar Square, shop on Regent Street, and enjoy the excitement of London's West End theatre district.



Westminster

Discover the Palace of Westminster, home to Big Ben and the Houses of Parliament. Visit Westminster Abbey and Buckingham Palace, the King's official residence.



Southbank

Stroll along the River Thames and enjoy the London Eye, explore the Tate Modern, catch a play at Shakespeare's Globe, or take in breathtaking views from The Shard.



Iconic Shopping Districts

London is a shopping paradise, from high end boutiques on Oxford Street and the iconic Harrods to the eclectic charm of Portobello Road and Camden Market.



Imperial College London

Imperial College London, ranked #2 in the world and the top university outside the USA for 2024/25, is the perfect setting for an inspiring academic experience.

Located in South Kensington, one of London's most vibrant areas, it offers a blend of academic prestige and urban charm. Students will reside in modern, accommodation on Imperial's South Kensington campus, surrounded by state-of-the-art facilities.

Founded by Prince Albert to drive cultural and scientific innovation, Imperial has become synonymous with excellence in science, engineering, and medicine. Its alumni include notable figures such as, Alexander Fleming,

the Nobel Prize-winning discoverer of penicillin, Brian May, legendary musician and astrophysicist and H.G. Wells, acclaimed author and pioneer of science fiction.

While staying on campus, participants will enjoy the buzz of London life alongside the tranquil beauty of nearby green spaces such as Hyde Park and Kensington Palace Gardens, offering the best of both worlds in one of the world's most exciting cities.



Workshops

Interactive, hands-on classes that focus on collaboration and real-world skills.



Masterclasses

An engaging forum led by an expert, offering students valuable insights into their field and new perspectives.



Guest Speakers

Esteemed guest speakers answer students' key questions and share valuable insights.



Debates

Crucial for building strong reasoning and confident public speaking skills.

YOUR LEARNING JOURNEY



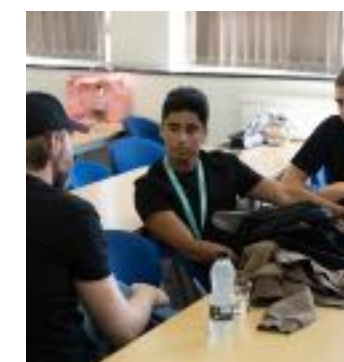
Interactive Lectures

Engaging lectures by passionate teachers, filled with insights and perspectives.



Group Projects

A chance to collaborate and learn from diverse perspectives, broadening your understanding.



Seminars

Students engage in discussion and debate through pair and small group work.



Educational Trips

Our trips offer real-world examples of the course subjects, bringing students' learning to life.

Meet Our Professionals

Our tutors are industry-leading professionals dedicated to providing students with unique insights into their chosen career paths. With extensive experience and expertise, they are committed to guiding the next generation towards success in their fields.



OLEG, BANKER

Oleg earned an MBA from the London Business School and has extensive experience in business development, project management, and strategy development. He has worked in various sectors, including Metals and Mining, Infrastructure, Chemicals, as well as Restructuring and late-stage Venture Capital/growth investments.

KRISTIAN, ENTREPRENEUR

Kristian has been a key figure in the entrepreneurial ecosystem for the past 15 years, nurturing and growing startups. His expertise has supported numerous entrepreneurs to achieve significant 8-figure exits. Kristian has also made substantial contributions to entrepreneurship education and is known for his specialisation in new technology development and product innovation.



GAVIN, LAWYER

Gavin studied law at Magdalen College, Oxford. After graduating, he obtained several master's degrees in law-related areas, including criminal psychology, international human rights, social policy, and animal welfare law. He was called as a barrister in 2007, and since then, he has worked as a legal representative in immigration and human rights law.



SARA, COMPUTER SCIENTIST

Sara is a highly accomplished PhD candidate in her final year of study, focusing on the instruments aboard the ExoMars 2022 Rosalind Franklin Rover to understand the interaction between light and matter on the surface of Mars. She aims to identify areas that may contain evidence of life and is developing software tools for data analysis.

SHAYNE, ENGINEER

Shayne is the Director and Head of Mechanical Systems at Conex Research, with expertise in aerospace and mechanical systems. His work on the Arcanum Mission to Neptune resulted in a notable white paper. As the Subject Lead for Engineering at ProEd, he develops coursework bridging theory and practice.

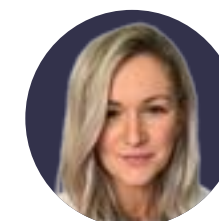


DR AHMED, DOCTOR

Dr Ahmed is an academic general surgery registrar. He has extensive experience in undergraduate medical education, having founded Med-Saint, a medical journal, while studying at St Andrews University. While at Guy's and St Thomas' Hospital in London, he designed peer-assisted simulated patient clinical vivas.

DR PRIOR, PSYCHOLOGIST

Dr Prior is a Chartered Psychologist, Senior Lecturer, and Programme Director for the BSc Psychology programme at Cardiff Metropolitan University. With over 12 years of experience, she focuses on enhancing student experience and wellbeing. Her research includes family meals, adolescent wellbeing, and support services for eating disorders, as well as contributing to projects for people with late-stage dementia.



World-Class Learning Environment

Immerse yourself in the vibrant academic atmosphere of one of London's world-class universities with ProEd's residential career experiences. Hosted at top-ranked institutions, these programmes are known for their cutting-edge research, exceptional faculty, and dynamic campus life. Set in the heart of central London, you'll experience an inspiring summer of learning, personal growth, and a firsthand glimpse into the life of a university student at one of the UK's most prestigious educational institutions.



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