

Daily Program Young Doctor

Day1 Enter the summer experience

2.00pm **Start**

Step into the shoes of a junior doctor and be introduced to the proper medical procedures needed to succeed in the world of medicine. Explore different scenarios as well as developing the hard and soft skills you will use with your patients including teamwork, communication, problem solving and suturing.

Afternoon **The Summer Experience Begins**

- Keynote speech by the Programme Director: discover what the Summer Experience has in store and how to make the most of this unique experience
- Immersive group activities: develop crucial medical skills for the Summer Experience ahead, including leadership, communication, and critical thinking
- Interactive networking session: meet fellow students – talented and ambitious individuals from around the world who can act as prove powerful contacts for your future career

6.00pm **Close**

Day2 The World of a doctor

10.00am **Start**

Gain insight into the world of a doctor and hit the ground running with patient consultations and hands on clinical skills including CPR and suturing

Morning **The World of a Doctor**

- Highs and lows: prepare yourself for the rollercoaster of working in hospital
- Explore how a doctor works through the diagnostic process to give a patient the best treatment
- Experience a patient consultation and learn the best communication methods
- Handling trauma: discover how doctors cope when dealing with major incidents
- Learn how to speak to a patient's family members to build a better picture for diagnosis

Afternoon **Immersive Medical Simulations**

- Basic life support and resuscitation: what to do in a critical situation
- Practise administering CPR on animatronic dummies and work in teams through a sequence of simulations
- Learn the art of suturing: practise stitching up wounds and be observed by doctors who will give live feedback
- Diagnostic escape: work through a series of time-based problems to save your patient from a life threatening illness

5.00pm **Close**

Day3 Your journey to medical school

10.00am **Start**

Overcome the first hurdle and prepare for your journey through medical school to become a high-ranking doctor

Morning **Medical School Applications**

- Hear first-hand from current medical students: expectations vs reality
- Discover the requirements for the compulsory tests for gaining entry into medical school
- Build an outstanding medical school application
- Creating a 'winning' personal statement
- Work with experts to practice your verbal and written answers to challenging questions with live feedback
- Receive expert guidance on applications from those on the inside

Afternoon **Medical School Interviews**

- The interview structure: MMIs vs panel
- Excelling at interviews: receive coaching by doctors who run medical school interviews

- Become the interviewer: observe and provide feedback on a mock interview
- Undertake your own interview with a medical professional
- Receive live personalised feedback and tips

5.00pm **Close**

Day4 – Meet your patients

10.00am **Start**

Today you will put your communication skills to the test and interact with real patients to identify their ideas, concerns and expectations to conduct the perfect patient consultation

Morning **The GP**

- Visit the Royal College of General Practitioners and step into the shoes of a GP to examine real patients
- Take medical histories and review pathology reports to build a clear picture of the patient's health
- Practise your patient communication skills during routine check-ups
- Experience the dynamic between GP and hospital medicine
- Receive immediate, live feedback from high ranking doctors

Afternoon **Specialist Consultations**

- Delve into cases of patients afflicted by life-altering conditions and practise working through the correct diagnostic process, take their medical history, and to discover how best to treat them
- Ask the right questions and make informed decisions to refer your patient to a specialist
- Work as a team to decide how best to support your patient on their road to recovery
- Visit a simulated mental health ward and run through a mental health interaction with a patient

5.00pm **Close**

Day 5 The Surgery life stream and medical ethics

10.00am **Start**

Gain insight into the world of a doctor and hit the ground running with patient consultations and hands on clinical skills including CPR and suturing

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- Explore how a doctor works through the diagnostic process to give a patient the best treatment
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- Diagnostic escape: work through a series of time-based problems to save your patient from a life threatening illness

5.00pm **Close**

Day 6 Enter the Hospital 1

10.00am **Start**

Put your medical knowledge into practice over the next five days as you enter a top London teaching hospital to perform your own clinical procedures. Discover the increasing use of technology in medical practice, explore how as a doctor you can play a part in the research and development of new medicines and take a closer look at the opportunities out there beyond medical school and the future innovation in technology and biomedical science.

Step into the hospital and develop the clinical skills needed to perform ward rounds and monitor patients in need of emergency care.

Morning **The Ward Round**

- Care for patients with different medical and surgical problems on a simulated ward round
- Experience what doctors do on a daily ward round and interact with multiple healthcare professionals
- Review patients' needs and deal with unexpected problems
- Discuss test results with patients

Afternoon **Emergency Scenarios**

- Handle simulated medical emergencies in theatre under the supervision of a senior surgeon
- Participate in an advanced interactive experience with reactive patient simulator
- Examine, treat, and review an unwell patient to see they are improving
- React to changes in your patient and new information in the simulation
- Work with peers and take turns leading your team

5.00pm **Close**

Day 7 Enter the Hospital 2

10.00am **Start**

Continue your hospital experience and react under timed-conditions to perform quick treatments and make informed medical decisions

Morning **The Emergency Room**

- Be immersed in a hospital department and use the latest VR headset technology
- Make quick decisions, lead a team of medical professionals, and save a life!
- Advanced clinical skills including blood taking and defibrillation
- During each scenario, you will be coached by a real doctor and receive live feedback from your peers

Afternoon **Case Conundrums & Blood Taking**

- Make diagnoses by reviewing patients' data, including: X-rays, blood tests, consultation notes and medical history
- Use medical ethics to make decisions on the treatment of your patient
- Prep, clean and take blood from a prosthetic arm

5.00pm **Close**

Day 8 Enter the Lab

10.00am **Start**

Gain a fresh understanding of how medicines are developed for patient use and get a hands-on experience in a high-tech laboratory

Morning **Research and Development in Medicine**

- Investigate how a multinational pharmaceutical company has driven scientific innovation to deliver the next generation of transformational medicines and vaccines for patients
- Understand the lengths medical researchers have gone worldwide to eradicate diseases
- Extending our life expectancy; can humans really survive the aging process?
- Explore the life cycle of new medicines and vaccinations; research & development, regulatory approval, exclusive licences and making medicine accessible for the masses

Afternoon **Animal Testing to Human Clinical Trials**

- Examine the testing of an experimental drug with simulated medical records
- Pre-clinical testing: observe computer modelling in the initial stages of drug development
- Discover the legal requirement of undertaking animal testing in obtaining approval for prescription and vaccine drugs
- As a team, run through a clinical testing simulation: determine the safety of your drug by seeing how the body reacts to the

drug and evaluate possible side effects

- Receive feedback from an experienced clinical researcher

5.00pm **Close**

Day 9 The future of Patient Treatment

10.00am **Start**

The technical revolution: experience how medicine is rapidly developing in collaboration with technological innovations.

Morning **Digital Health**

- Experience-session with a cutting-edge digital health company
- Understand first-hand the technological revolution happening in global healthcare
- Appreciate why the UK is a global hub for medical research and practice
- Discover the impact of COVID-19 on traditional medical practice and the increasing use of telemedicine

Afternoon **Medicine and Health Technology**

- Explore the evolution of health technology, latest innovations and what the future holds
- Get introduced to real world applications of biomedical technology
- Team up with software engineers to design your own health-tech app for remote medical care
- Suggest how technology can support patients with post-surgical and after hour care at home
- Use technology to empower patients to track their own medical care
- Present your projects to leading medical professionals and receive live feedback

5.00pm **Close**

Day 10 Becoming a specialist and private networking event

10.00am **Start**

-Undecided what you want to specialise in, or still unsure of your calling? Let us open your eyes to the world of possibilities in medicine

Morning **Specialist Rotations and Placements**

- Explore most rewarding aspects of being a doctor and the challenges you will expect to face
- Meet leading medical professionals working for the NHS a wide selection of private specialist practices
- Speak to individuals who have specialised in surgery, psychiatry, oncology, dermatology, and many more
- Engage with medical students who can give you a first-hand insight into their chosen medical schools

Afternoon **Private Networking Event**

- Put your newfound knowledge to the test
- Take part in a private networking session with top hospital directors, specialist doctors and medical students at the Royal Society of Medicine* (venue is subject to change)
- Have your burning questions answered by those in the know
- Receive valuable advice from experts in the field

5.00pm **Close**

Day 11 Careermax

10.30am **Start**

Over the next five days, you will receive personalised coaching on how to succeed in each of the major milestones on the road to landing your dream job: i) securing a place at a top-tier medical school ii) excelling in your studies iii) mastering every aspect of the recruitment process and procuring a top job in Medicine post-university. In addition, you will receive inspirational coaching on key employability skills from high-profile figures including politicians and Olympic athletes

Morning **Enter CareerMax**

Your future starts now: discover the essential skills needed to thrive in healthcare

- Personal development plan: work with a careers expert in small focus groups to plan the next steps in your journey
- 'Big results require big ambitions': hear from a world-class Olympic athlete on the importance of being a self-starting, ambitious individual in today's increasingly competitive climate
- 'The art of communication is the language of leadership': hear from a high-ranking politician on how best to improve your communication skills and captivate a large audience

Afternoon **The Admissions Process**

You're in your final year of school and it is time to start thinking about what comes next

- Inside UCAS: an interactive session with med-school admissions officers, with guidance on how to ace your applications and bag your first-choice university
- Eye-catching extracurriculars: using extracurricular activities to boost your application
- Personal statement workshop: expert coaching on the art of application and personal statement writing
- Interview training: a masterclass with senior admissions tutors from top UK universities
- You become the admissions officer: step into the shoes of a university admissions tutor; review a collection of medical school applications and interview prospective students for a place at a world-renowned medical school

5.00pm **Close**

Day 12 Enter Oxford University

10.30am **Start**

Congratulations! You have been accepted into your first-choice university – it's time to start preparing...

Morning **Welcome to University!**

- University tour: private tour of the Oxford University led by students, who will guide you through the abundant opportunities available to you there
- Academic lecture: meet academics from the Department of Medicine and experience a university-style lecture
- Meet the university team: attend an exclusive networking lunch with students, academics, and doctors from the Department of Medicine

Afternoon **Step into the Shoes of a Medical Student**

- Gain an insight into the vast opportunities available to medical students at Oxford: explore the chance to study abroad, complete intercalated years, and secure placements in the best hospital departments across the country
- The academic seminar: discuss the contents of the morning lecture in a seminar group led by an academic reflect on the topics raised with likeminded individuals
- Problem based learning: work effectively as part of a team to complete a research project and plan for a knock-out group presentation
- The group presentation: present your team's finding to your peers and academics
- The feedback: receive feedback on your presentation and reflect on your team's performance

5.00pm **Close**

Day 13 Graduate Recruitment : applications and further training

10.30am **Start**

You're in your final year of an undergraduate degree and you want to take the plunge into medical school...

Morning **Graduate Entry into Medicine**

- Explore the alternative route that existing graduates can take who want to study postgraduate medicine
- Understand the requirements of the GAMSAT and the Graduate Entry Medicine interview process
- You become the graduate interviewer: interview candidates for a graduate role alongside senior recruitment managers and put them through their paces with a series of challenging, scenario-based questions

- Standout work experience: learn the importance of securing relevant work experience and volunteer work, building an extracurricular portfolio and the impetus it can add to your med-school and future job applications

Afternoon **Progressing from Med-School into your Foundation Years**

The NHS recruiter was impressed by your knockout application and you have now been invited to interview for the foundation role

- Receive coaching on how to perform highly in the 'Situational Judgement Test' and how to maximise your 'Educational Performance Measure'
- See good examples of completed NHS application forms and receive top-tips on how to fill them in yourself
- You become the hiring manager: step into the shoes of a senior hiring manager working at the NHS as you screen a set of graduate applications and select which candidates you would like to interview
- Interview workshop: receive bespoke public speaking training on how best to articulate yourself during high-pressure, professional situations such as interviews and presentations
- You become the graduate interviewer: interview candidates for a graduate role alongside senior recruitment managers and put them through their paces with a series of challenging scenario-based questions
- Reflection: return to your focus groups and review the goals you set for InvestIN's CareerMax week. What have you achieved so far? What would you like to work on over the final two days? What questions do you need answering?

5.00pm **Close**

Day 14 Graduate recruitment: on the job

10.30am **Start**

Congratulations! You have nailed the interview to complete your first foundation training year with your top-choice hospital trust. You are among the highest-ranked candidates invited to begin next month

Morning **Enter the Workplace**

- Explore the different medical workplace settings: NHS vs. a private hospital
- Q&A: your questions answered about the general practice vocational training programme and other specialities
- Plan the path to take to get into your preferred area/s of interest and discover ways to continue your professional development throughout your career
- Psychometric tests: experience a series of medical scenarios that will assess your attention to detail, dexterity and emotional resilience
- Performance tests: assess your manual dexterity, clinical judgement, and emotional resilience and receive feedback on your performance

Afternoon **The Group Exercise: A Multidisciplinary Team**

- Real-life case study: investigate an uptick in unusual animal deaths, dental decay, blackened teeth, tumours, birth defects, and other unusual symptoms in a rural population
- Examine the public health crisis from the perspective of a doctor and propose solutions
- Meet your multidisciplinary team, establish members' individual strengths and areas of expertise, and work together to identify the cause of disease
- Teamwork: master the art of managing discussions as you approach the problem from different angles, collate evidence, and put together a holistic action plan
- Key skills: manage your time effectively, create a new diagnostic criterion, and propose curative and palliative treatment plans
- Present and defend your findings in this unprecedented case

5.00pm **Close**

Day 15 Personal development plan – your next steps

10.30am **Start**

Morning **Personal Development Plan**

- Personalised feedback: receive a bespoke summary of your performance during the day-14 group exercise, including your strengths and areas for development
- Group reflection: return to your focus groups and reflect on what you have achieved throughout InvestIN's CareerMax week
- Personal development plan: work with a recruitment expert to establish your next steps and create your very own personal development plan
- Farewell speech: a review of what you have gained from the Summer Experience, with closing remarks from the Programme Director

1.00pm **Close**

*Exact Program subject to change without notice