

LITE REGAL EDUCATION




LITE Regal
EDUCATION


ADVANCED MEDICINE 18+


For Students aiming to reinforce their Medical Knowledge and gain current medical advanced in the treatment of diseases. Students will also reinforce their clinical skills knowledge - Dissections of organs , Laparoscopic and advanced suturing workshops and patient and doctor clinical skills and treatment



 **Location:** London University UCL, Cambridge University Hughes Hall or Fitzwilliam College. Note the Internship will be in London.

 **Academic:** Develop and re-enforce your core skills and medical foundation knowledge. Class size limited to 15 to maximise the best learning

 **Industry link:** medical internship / doctor shadowing programme in a London clinic. Medical and Clinical Workshops

 **Outcome:** Gain hands on experience with a qualified Doctor and enhance your CV. Transferable Credits (7 credit) to your University,

 **Awards:** Certificate of attendance from Lite Regal Education and Doctor / clinic, letter of recommendation from the Doctor

 **Tutors:** Highly Qualified Doctors, Specialists In Their Field, Educated At Top Universities

 **Social Programme:** Exciting Social Programme Including 3 Coach Trips

DATES, FEES & AVAILABILITY 2020

4 WEEK COURSE

28th Jun - 25th Jul

12th Jul - 8th Aug

26th Jul - 22nd Aug

FEES

Residential: £7,895

Non-Residential: £5,850

6 WEEK COURSE

28th Jun - 8th Aug: AVAILABLE

12th Jul - 22nd Aug: AVAILABLE

FEES

Residential: £9,950

Non-Residential: £8,325

ADVANCED MEDICINE SUMMER COURSE FOR 18 - 24 YEAR OLDS

Develop and Re-enforce your Core skills and Medical Foundation Knowledge and gain knowledge in Current Medical Advances in the Treatment of diseases and Patient Care.

This is a thorough, challenging and intensive course for all junior doctors in the UK or overseas studying in Medicine School who would like to supplement their knowledge gained in their medical school and meet other Medic Students and study and live and learn in a one of the world leading universities in the world. *The course and residential accommodation take place in the summer in one of the college of University of London - UCL London and University of Cambridge - Hughes Hall . The 2 weeks Internships will always take place in Central London.*



COURSE OVERVIEW OF ADVANCED MEDICINE SUMMER COURSE

This course is aimed at all students 18+ who are pursuing a Doctors Degree in Medicine School (MBBS or similar) or a medicine related degree (see below) and aims **at reinforcing your core knowledge in the core skills of medicine as well as gain clinical skills by interning and shadowing a working Doctor (MD) in a London Clinic.** The course will have a lot of workshops in the afternoons to give the junior doctors hands on clinical skills workshops. **Example and highlights of this advanced medicine Summer Course is the organ dissections and laparoscopic practice of artificial and real animal tissue and**

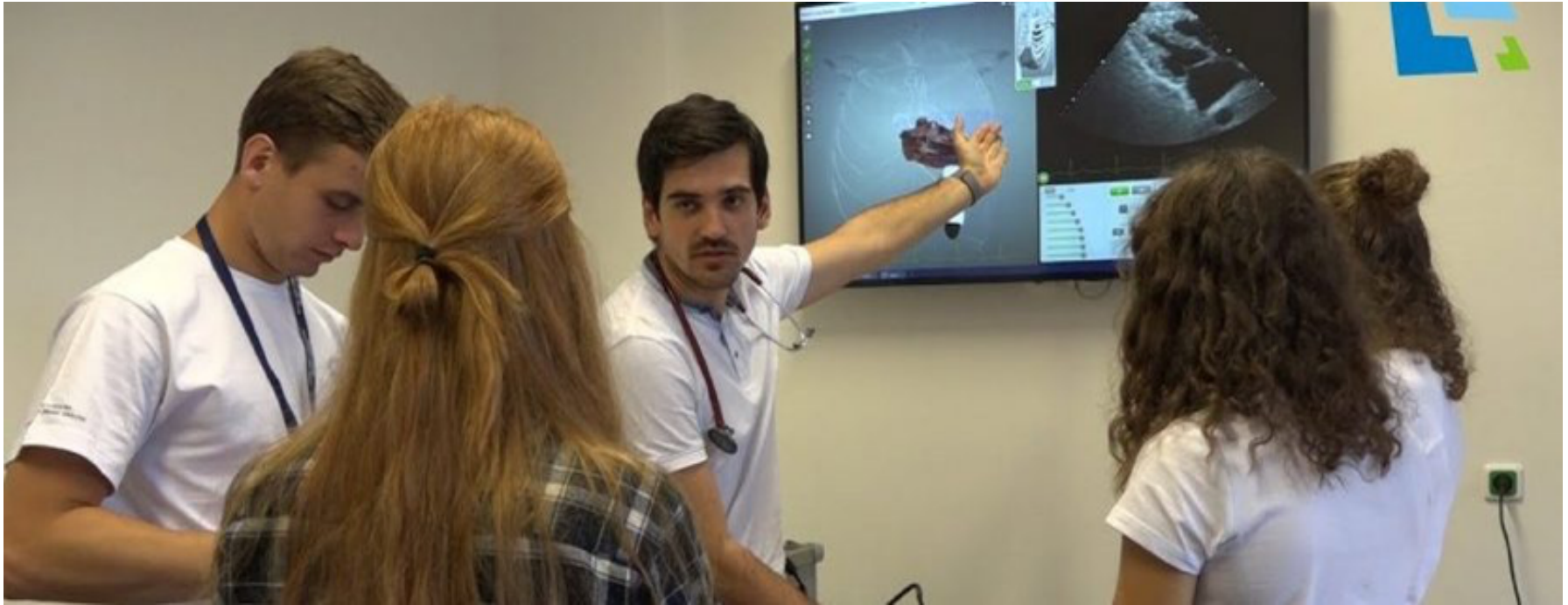
organ dissections and laparoscopic practice of artificial and real animal tissue and suturing. The course will also contain and go through Current Medical Research in Modern Medicine that all Medical Students should gain an insight into.



This course would be suitable for :

- Junior Doctors in Undergraduate or Postgraduate years 1-5 Study in Medicine School
- Undergraduates in Science related Subjects – BSc Genetics, Chemistry, Biology, Zoology
- Undergraduates and Postgraduates in Degrees that can lead to medicine – Biochemistry, Botany, Molecular Biology, Anatomy with Physiology for instance

This course can be taken over 4 weeks or 6 weeks depending on the applicants free time during the summer months. **To get the maximum clinical skills it is recommended to take this course over the periods of 6 weeks** although it is appreciated many junior doctors will have prior commitments.



ACADEMIC INFORMATION FOR ADVANCED MEDICINE SUMMER COURSE

The course can be taken over 4 weeks or 6 weeks depending on the students choice.

4 weeks Advanced Medicine Summer Course for Junior Doctors

(2 weeks Advanced Medicine Core Foundation Skills + 2 weeks Medical Internship)

This includes the 2 week of Advanced Medicine Core Foundation Skills – that includes lectures, clinical skills and workshops based on supplementing and giving further knowledge to that already gained in your current Medicine School. Followed by a 2 week Medical Internship program that will give students the clinical experience required by interning and shadowing with a qualified Doctor (Min MBBS).

6 weeks Advanced Medicine Summer Course for Junior Doctors

(4 weeks Advanced Medicine Core Foundation Skills + 2 weeks Medical Internship)

This includes 4 weeks of Advanced Medicine Core Foundation Skills – that includes lectures, clinical skills and workshops based on supplementing and giving further

knowledge to that already gained in your current Medicine School. **Followed by a 2 week Medical Internship** program that will give students the clinical experience required by interning and shadowing with a qualified Doctor (Min MBBS).

CORE FOUNDATION SKILLS SYLLABUS

The Core skills Foundation 1 and Core skills Foundation 2 for Junior Doctors core is aimed at cementing any knowledge gained in medical School in your country and introducing you to core basic principals of medicine that you may not have covered. In addition well as giving you new insights in scientific and the latest developments in medical health care not gained.

You will learn concepts on:

- **Organisation of the Body and Human Anatomy**
- **Physiology, Genetics, Immunology and Pharmacology**
- **Biochemistry and Medical Genetics**
- **Medical Sociology**
- **Workshops on medical techniques such as suturing**



In this Leading Advanced Medical Course, you will cover and exploring topics ranging from:

- Anatomy
- Advanced Biochemistry
- General Pathology
- Histology and Molecular Biology
- General Physiology
- Advanced Immunology and Microbiology
- Cardiovascular systems, Pulmonary and Renal Systems
- Gastrointestinal systems
- Forensic Medicine

WORKSHOPS AND CLINICAL SKILLS

Laparoscopic Study - "Keyhole Surgery"

This is a Clinical workshop practical will run over the afternoon and students may additionally wish to practice these skills further. This is the gold standard of any surgery.

You will learn and practice intermediate to advanced laparoscopic examination and suturing skills using synthetic and animal tissue and animal organs. You will dissect various organs - heart , brain liver etc and practice laparoscopic sutures on these vessels and also synthetic tissues.

- Pass a needle and suture through tissues at suitable depth and distance for interrupted and continuous suturing
- Tie a safe laparoscopic Surgeon's knot
- Create a laparoscopic tumbled square knot
- Demonstrate continuous suturing, maintaining tension and completing the suture line safely

Students will learn the the use and benefits of laparoscopic surgery in gynecology, urology and gastroenterology.



Dissection Workshops in the Advanced Medicine Course

These dissection workshops typically occur in the afternoon - and follow on from the morning theory with a organ dissection in the afternoon. Nothing beats hands on Medicine and Lite Regal Advanced Medicine School aims to support and build your knowledge.

Students will dissect the following animal organs to gain an in-depth understanding of the internal functioning of the organ.

- *Heart*
- *Lung*
- *Liver*
- *Eye*



Clinical Skills

The course will involve advanced clinical skills in patient examination in theory and practice in preparation to the clinical skills they will gain in the real setting and clinic when they intern with the working doctor and see real patients being treated and examined.

- History – past post and present medical and drug history
- How to extract and ask information to diagnose patient
- Examination
- Examination of Cardio Vascular
- Respiratory

- Abdomen
- Lump Examination
- Neurological
- Orthopaedic Examinations

- ENT
- Eye
- Mental state

INTERNSHIP - DOCTOR SHADOWING PROGRAMMER

This course has a mandatory 2 week clinical experience phase organised by Lite Regal Education in which students intern and shadow a Doctor. We are the only such school with working relations with real working Doctor and surgeons who are willing to take under Junior Doctors from the UK and Overseas under their care as recommend by our College.

Clinical Experience is incredibly difficult to organise and find – especially for overseas students not in the UK because of the vast layer of HS (Health and Safety) and confidentiality in place in working Clinics and Hospitals.

Lite Regal will organise the clinical experience for you as part of your course. Students will observing and help the Doctors (minimum will be MD / MBBS qualified Doctors or a surgeon) and understanding what they do on a daily basis. This helps Junior Doctors understand the challenges and rewards of the medical profession and envision themselves as working physicians. Spending time with doctors also helps students clarify and solidify their goals, confirming with certainty with fields in medicine they would like to specialise in their Post doctor specialisms.

All students will receive a certificate from the clinic and doctor they have interned with

All students will receive a certificate from the clinic and doctor they have interned with which will prove invaluable in their future.

All Internships will be in London and student will be accommodated in UCL Halls of Residence (University of London).



The 2 week Medicine Internship for each student is a fundamental part of the course in which students gain clinical experience in the UK and London are supervised and Intern and Shadow with a Doctor in Clinic or Hospital. All Medicine Internships will take place in London and Student will Intern with a Doctor from Monday to Friday from 9am to 4pm to put knowledge learned in the Lessons and medical school to “real Situations”. Student will learn to take detailed histories and Physical examinations and misied to the clinic and with the supervision of the Doctor diagose and treat illnesses.

Where Are The Medical Internships Held

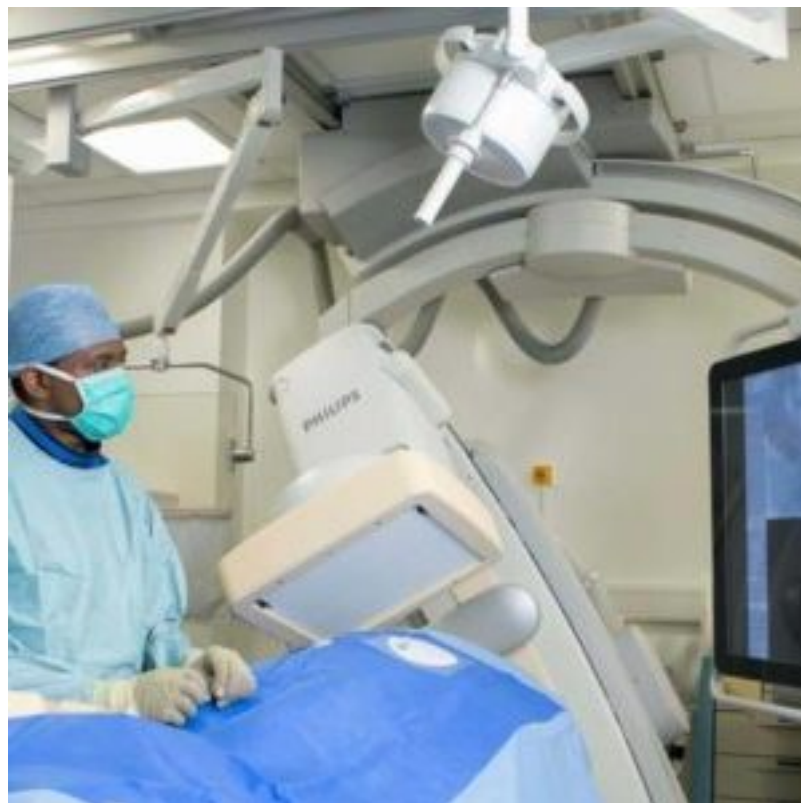
Internships are only London based! Due to the convenience and students demands the shadowing program is based in London.

The internships and shadowing programmes will normally be in one of the following:

GP OR LONDON SURGERY



CENTRAL LONDON CLINIC



LONDON TEACHING HOSPITAL



ELIGIBILITY

Ensure that you fulfill the following criteria

- Be at least 18 years old
- *Be from the UK or Overseas and currently in Medicine School years 1-5*
- Finished High School with a good grade - GPA >3.5 (if you are already in Med School then please ignore this requirement)
- Have completed one year of college or be minimum first year student



Cambridge Assessment
English



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