



SBC

COURSE OVERVIEW

**Faculty of Medicine**

**15-17yrs**



 Oxford College



## Oxford College

Ages: 15-17

Duration: 2 weeks

### At a Glance

## Embarking on a Journey in Medical Education

Pursuing your studies at the Faculty of Medicine at SBC provides a comprehensive introduction to the medical field, where academic rigor meets real-world application. Over the course of two weeks, you will explore essential areas such as human biology, medical ethics, and clinical practice, all within a curriculum tailored to lay the groundwork for your future in medicine.

The programme is designed to build a strong foundation in the medical sciences. Engage deeply with subjects like anatomy, physiology, and pathology, where you will gain a thorough understanding of how the human body functions and the complexities of disease. These studies are further enriched by discussions on medical ethics, which challenge you to consider the moral and ethical responsibilities of healthcare professionals.

Your time at the Faculty of Medicine goes beyond theoretical learning; it emphasizes the importance

of applying your knowledge in practical settings. Participate in simulated clinical environments that allow you to practice essential medical skills such as patient assessment, communication, and first aid. These hands-on experiences are vital in developing the confidence and competence needed in a clinical setting.

Collaboration and mentorship are integral to the learning experience here. Work alongside like-minded peers in group discussions, case studies, and problem-solving exercises, all of which mirror the collaborative nature of the healthcare profession. Additionally, you will benefit from the insights of experienced medical professionals who bring their expertise and real-world experiences to the classroom.

Choosing to study at the Faculty of Medicine is the first step towards a fulfilling career dedicated to improving health and saving lives. This programme will equip you with the foundational knowledge and practical skills necessary for success in your future medical studies and professional practice.

## Sample Timetable

### WEEK ONE TIMETABLE

8:45-9:00	Morning Assembly				
9:00-10:30	<b>Medicine Seminar</b> Origins of Medicine	<b>Medicine Lecture</b> Medical Anatomy	<b>Keynote Lecture</b>	<b>Medicine Lecture</b> Medical Physiology	<b>Medicine Seminar</b> Pathology 101
11:00-12:30	<b>Medicine Time to Shine: A Medical Case Study</b> A research and presentation project in a field of Medicine, such as Anatomy, Histology, Physiology or Pathology				
13:30-14:45	<b>Medicine Practical Workshop</b> Emergency and Critical Care, with St. John's Ambulance	<b>Medicine Seminar</b> Histology, Tissue and the Basic Units of Life	Industry Experience	<b>Medicine Seminar</b> Epidemiology	<b>Keynote Lecture</b> Leadership By Visiting Academic
15:00-16:15		<b>University Coaching</b> Interview Preparation		<b>University Coaching</b> Writing a personal statement	<b>University Coaching</b> Public Speaking Skills
16:15-18:15	<b>Free Time</b> Tutorials once per week, 16:30-17:30 Career Counselling Clinic, 16:30-17:30				

### WEEK TWO TIMETABLE

8:45-9:00	Morning Assembly				
9:00-10:30	<b>Medicine Seminar</b> Medical Biochemistry	<b>Medicine Lecture</b> Medical Deontology	<b>Keynote Lecture</b>	<b>Medicine Lecture</b> Pathophysiology	<b>Medicine Seminar</b> Topographic Anatomy
11:00-12:30	<b>Medicine Time to Shine: A Medical Case Study</b> A research and presentation project in a field of Medicine, such as Anatomy, Histology, Physiology or Pathology.				
13:30-14:45	<b>Medicine Practical Workshop:</b> Suturing and surgery workshop	<b>Medicine Seminar</b> Microbiology, bacteria and pathogens	Industry Experience	<b>Medicine Seminar</b> Pharmacology	<b>Keynote Lecture</b> Success in Academia By Visiting Academic
15:00-16:15		<b>University Coaching</b> Interview Preparation		<b>University Coaching</b> Writing a personal statement	<b>University Coaching</b> Public Speaking Skills
16:15-18:15	<b>Free Time</b> Tutorials once per week, 16:30-17:30 Career Counselling Clinic, 16:30-17:30				



## Course Objectives

By the end of this course, you will have a comprehensive understanding of the foundational concepts in medicine. You will be equipped with the knowledge and skills to analyse clinical cases, understand patient care, and explore the ethical dimensions of medical practice. This course is ideal for those considering a future in medicine or healthcare.

### Module 1

#### Introduction to Human Anatomy and Physiology

Gain a comprehensive understanding of human anatomy and physiology by exploring major body systems, including the cardiovascular, respiratory, and nervous systems, through lectures and interactive lab sessions.

### Module 2

#### Clinical Medicine and Diagnostics

Explore clinical medicine with a focus on diagnostics, covering disease diagnosis principles, medical technology, and the role of imaging and laboratory tests in patient care, using real-life case studies.

### Module 3

#### Medical Ethics and Patient Care

Examine the ethical considerations in medical practice, including patient care, confidentiality, informed consent, and ethical dilemmas, fostering critical thinking and ethical reasoning essential for healthcare professionals.



### Previous projects include:

**Project 1:** "The Role of Genetic Engineering in Modern Medicine" – A research-based project exploring the ethical implications and potential of genetic engineering in treating diseases.

**Project 2:** "Advancements in Diagnostic Imaging: A Comparative Study" – An in-depth analysis of various imaging technologies and their impact on early diagnosis.



## Time to Shine

For your Time to Shine project, you will undertake an extended research project on a medical topic of your choice. This project will culminate in a presentation, allowing you to showcase your findings and demonstrate your understanding of complex medical concepts.



## Industry Experience

Gain insight into the medical profession with our industry experience sessions. You will have the opportunity to visit a local hospital or research facility, where you can observe healthcare professionals in action and understand the day-to-day challenges of medical practice.



## Guest Speakers

Our programme features guest speakers who are leading experts in the field of medicine. These professionals will share their experiences, offer advice, and provide insights into the latest advancements in medical research and healthcare.



## Academic Coaching

Throughout the course, you will receive academic coaching to support your learning journey. Our experienced tutors will provide personalised feedback, help you refine your study techniques, and guide you in developing the critical thinking skills necessary for success in the medical field.

## Secure your place

A booking can be made online on our website [summerboardingcourses.com](https://summerboardingcourses.com)

Our programmes fill up fast so we recommend you book early to secure a space on our most popular courses. If you are booking on behalf of a family, please let us know at the time of booking.



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