

2-Week Medical School Preparation Summer Course Timetable (Ages 15-18)

Week 1: Introduction to Medicine & Core Medical Knowledge

Day	Morning (9:00 AM - 12:30 PM)	Afternoon (1:30 PM - 4 PM)
Monday	Introduction to Medicine – Overview of the medical field, medical ethics, and basic principles.	Medical Careers Overview – Exploration of medical specialties, roles, and career paths.
Tuesday	Human Anatomy & Physiology – Basics of the human body systems (Muscular, Skeletal, and Circulatory).	Anatomy Workshop – Basic dissection or 3D model study (Optional, hands-on activity).
Wednesday	Cardiovascular & Respiratory Systems – Heart, lungs, and blood vessels.	Clinical Skills – Measuring blood pressure, pulse, and heart rate. Hands-on practice.
Thursday	Neurology & Nervous System – Brain, spinal cord, and nerves.	Patient History-Taking Skills – How to gather information from patients in clinical settings.
Friday	Microbiology & Infectious Diseases – Introduction to bacteria, viruses, and the immune system.	Infection Control & Lab Skills – Basic lab work on identifying pathogens (with equipment).

Week 2: Advanced Medicine & Clinical Practice

Day	Morning (9:00 AM - 12:30 PM)	Afternoon (1:30 PM - 4 PM)
Monday	Gastroenterology & Endocrinology – Digestive system, hormones, and metabolism.	Hands-On Lab – Simulated patient diagnostics (Blood tests, urine analysis).
Tuesday	Pediatrics & Neonatology – Care for children and infants, growth and development.	Clinical Shadowing – Observe pediatric consultations (virtual or in-person).
Wednesday	Surgery & Medical Procedures – Introduction to surgery, sterile techniques, and tools.	Suture Practice – Hands-on suturing workshop with guidance from professionals.
Thursday	Psychiatry & Mental Health – Common psychiatric disorders and treatments.	Role Play & Communication Skills – Communicating with patients and conducting mental health assessments.
Friday	Global Health & Future of Medicine – Overview of public health challenges, innovations, and ethics.	Medical Ethics Debate – Group debate on ethical dilemmas in medicine.