**LABORATORY MEDICINE**

**DAY 1** (4 hours theoretical, 4 hours practical)

Acıbadem Conference Hall

**09:00-09:30 General Overview and Introduction of Program**

**09:30-10:30 Pre-test**

**10:30-10:45** Coffee break

**10:45-12:00** Introduction to and challenges in Modern Clinical Laboratories

**12:00-13:00** Lunch

**13:00-17:00 Clinical Practice:**

**DAY 2** (4 hours theoretical, 4 hours practical)

Acıbadem Conference Hall

**09:00-10.00** Basic Principles of Laboratory Management

**10:00-11.00** Quality Management Systems in Clinical Laboratories

**11.00-11.15** Coffee break

**11:15-12.00** Choice of probes and Calibration of the Equipment ion in Examinations.

**12:00-13:00** Lunch

**13:00-17:00 Clinical Practice**

**DAY 3** (4 hours theoretical, 4 hours practical)

Acıbadem Conference Hall

**09:00-10:00** Understanding and preperation of standard operating procedures (SOP) according to ISO 15189 -I

**10:00-11:00** Understanding and preperation of standard operating procedures (SOP) according to ISO 15189-II

**11:00-11:15** Coffeebreak

**11:15-12:00** Pre-analytic, analytic and post-analytic issues related with ISO 15189**.**

**12:00-13:00** Lunch

**13:00-17:00 Clinical Practise**

**DAY 4** (4 hours theoretical, 4 hours practical)

Acıbadem Conference Hall

**09:00-10:00** Method Validation Protocols

**10:00-11:00** Evaluation of Internal and External Quality Control Procedures**.**

**11:00-11:15** Coffee break

**11:15-12:00 Architectural Design of the lab.**

**12:00-13:00** Lunch

**13:00-17:00 Clinical Practice**

**DAY 5** (4 hours theoretical, 4 hours practical)

Acıbadem Conference Hall

**09:00-10:00 Safety in the lab**

**10:00-12:00** Post-test

**12:00-13:00** Lunch

**13:00-17:00 Clinical Practice**

**Please note that the content of the program can be modified based on the needs of the specific participant group. The sessions above represent the capabilities of our program and faculty; and certain modules from the list can be selected for a shorter program.**