





## Short Courses & Workshops

are some admission programs in a wide range of medical fields. The costs and course periods differ from each other but .the medium of teaching all the courses is English  
 r to apply for any short course at TUOMS, fill out the [Application Form](#) and send it along with a passport copy and CV to  
 :International Relations Office at [iro@tbzmed.ac.ir](mailto:iro@tbzmed.ac.ir). Below you can see the list of short courses & workshops at TUOMS

| No | Course Name   | Capacity | Course Period |
|----|---|----------|---------------|
| 1  | Clinical Enzymology   | 4        | 2 Months      |
| 2  | Metabolic Biomarkers  | 4        | 2 Months      |
| 3  | Molecular Biomarkers  | 4        | 2 Months      |
| 4  | Molecular Endocrinology   | 4        | 2 Months      |
| 5  | Reproductive Gynaecology  | 4        | 2 Months      |
| 6  | Trace Elements Electrolytes   | 4        | 2 Months      |
| 7  | Advance Trauma Life Support   | 10       | 1 -12 Months  |
| 8  | Advanced Cardiac Life Support   | 10       | 1 Month       |
| 9  | Airway Management   | 10       | 1 Month       |
| 10 | Triage  | 10       | 1 Month       |
| 11 | Laparoscopy (Basic)   | 10       | 3 Months      |
| 12 | Vascular Surgery (Basic)  | 10       | 3 Months      |
| 13 | General Obstetrics and Gynaecology  | 10       | 3 Months      |
| 14 | Gynaecologic Oncology   | 10       | 3 Months      |
| 15 | Infertility   | 10       | 3 Months      |
| 16 | Perinatology  | 10       | 3 Months      |
| 17 | Urogynecology   | 10       | 3 Months      |
| 18 | Infection Control   | 10       | 3-6 Months    |
| 19 | Diagnosis and Treatment of Hepatitis B and C  | 10       | 2 Months      |
| 20 | Polymerase Chain Reaction ( PCR)  | 15       | 2 Days        |
| 21 | Gene Cloning  | 8        | 5 Days        |
| 22 | Gene Cloning  | 3        | 8 Months      |
| 23 | Eukaryotic Expression of Recombinant Proteins                                       | 8        | 4 Days        |
| 24 | Eukaryotic Expression of Recombinant Proteins                                       | 5        | 3 Months      |
| 25 | Basic and Practical Principles for Determining Single Nucleotide Polymorphism (SNP) | 40       | 2 Days        |
| 26 | Flow Cytometry  | 20       | 2 Days        |
| 27 | Magnetic-Activated Cell Sorting (MACS)  | 20       | 2 Days        |
| 28 | Real Time PCR   | 20       | 2 Days        |
| 29 | Phage Display   | 2        | 12 Months     |

|    |   |    |                 |
|----|---|----|-----------------|
| 30 | <b>Production of Mouse Monoclonal Antibodies</b>                              | 20 | 1 Week          |
| 31 | <b>Production of Mouse Monoclonal Antibodies</b>                              | 5  | 1 Year          |
| 32 | <b>Production of Chimeric Monoclonal Antibodies</b>                           | 10 | 1 Week          |
| 33 | <b>Production of Chimeric Monoclonal Antibodies</b>                           | 5  | 1 Year          |
| 34 | <b>Gene Therapy</b>   | 40 | 2 Days          |
| 35 | <b>Western Blotting</b>   | 10 | 3 Days          |
| 36 | <b>Apoptosis Assay</b>  | 10 | 1 Week          |
| 37 | <b>Gene Therapy and Knocking Down</b>   | 5  | 6 Months        |
| 38 | <b>Sample Size &amp; Power Analysis in Medical</b>                            | 25 | 3 Days          |
| 39 | <b>Research Design, Methodology and Proposal Writing</b>                      | 25 | 4 Days          |
| 40 | <b>Clinical Research Skills</b>   | 25 | 3 Days          |
| 41 | <b>Systematic Review &amp; Meta-analysis</b>                                  | 25 | 3 Days          |
| 42 | <b>Peer Review Skills</b>   | 25 | 3 Days          |
| 43 | <b>Qualitative Research</b>   | 25 | 4 Days          |
| 44 | <b>Plagiarism &amp; Ethical Issues</b>  | 25 | 2 Days          |
| 45 | <b>Medical Writing Skills and Publication</b>                                 | 25 | 3 Days          |
| 46 | <b>Application of Molecular Biotechnology Techniques in Medicine</b>          | 2  | 3 Months/1 Year |
| 47 | <b>Application of Biotechnology Stem Cells in Medicine</b>                    | 2  | 3 Months/1 Year |
| 48 | <b>Applying New Delivery Systems for Molecular Target Therapy in Medicine</b> | 2  | 3 Months/1 Year |
| 49 | <b>Designing New Nanogold Base Devices for Molecular Diagnostics</b>          | 2  | 3 Months/1 Year |

To get supplementary information regarding the exact costs of the courses E-mail us at [iro@tbzmed.ac.ir](mailto:iro@tbzmed.ac.ir) \*

#### Admission Requirements:

- Fluency in Farsi or English
- No legal prohibition to study or reside in Iran

#### :Facilities & Living Costs

1. **Accommodation:** following their admission, all students can be accommodated at university's accommodation center .1  
 as a nice accommodation center equipped to such facilities as: furnished single/double bed rooms, library, conference hall,  
 .restaurant, and free Wi-Fi. Catering facilities are also available  
 2. **Meals:** all students can have their meals at university restaurants (lunch/dinner) (each meal = 2.5 \$) .2

