Istanbul Medipol University

Learning Outcomes of Pharmacy

**AIM**

The mission of School of Pharmacy is to prepare their graduates as ones who can synthesis active pharmaceutical ingredients in all fields of pharmacy, prepare drug formulations and performing their quality control, identifying the mechanism of actions of therapeutic drugs and performing their physical, chemical, pharmacological and toxicological analysis.

**KNOWLEDGE**

**Theoretical/Factual**

PQ-1. Skilfully use information technology to access, follow, evaluate and apply current knowledge in the field of Pharmaceutical Sciences.

PQ-2. Have advanced knowledge in APIs and DPs.

**SKILLS**

**Cognitive/Practical**

PQ-3. Collaborate with the experts for collection, interpretation, application and declaration of data in Pharmaceutical Sciences field.

PQ-4. Provide best patient counseling services and medication therapy management using his/her knowledge and pharmaceutical information systems to improve the quality of life and safety of patient.

PQ-5. Capable of organizing and administering a drugstore as per responsibilities prescribed under the Pharmacy Law, using skills, knowledge and advanced technology systems.

PQ-6. Skilfully use computer programs and advanced technology related to the Pharmaceutical Sciences.

PQ-7. Provide solutions to the professional issues using scientific knowledge and data.


**COMPETENCY**

**Ability to work independently and take responsibility**

PQ-9. Prepare and implement developmental plans for his/her subordinates, frequently evaluate their progress and make necessary adjustments.

PQ-10. Capable of conducting independent studies with his/her advanced knowledge in pharmaceutical sciences, takes responsibilities in professional organizations and efficiently collaborates with the members of his/her own organization as well as other organizations.

**Learning Competence**

PQ-11. Clearly show signs of adoption of life-long learning and openness to further development.

PQ-12. Critically evaluate their knowledge in pharmaceutical sciences.

**Communication and Social Competence**

PQ-13. Closely follow and evaluate the national and international professional developments.

PQ-14. Record and document all professional activities and applications.

PQ-15. Communicate all necessary information about medicines to patient, medical personnel and public.

PQ-16. Proficient in English to communicate and follow current knowledge in pharmaceutical sciences.

**Field-based Competence**

PQ-17. Inform officials and organizations about the issues with the quality assurance of pharmaceutical products.

PQ-18. Actively involve in the preparation of APIs, every stage of the formulation and production of DPs.

PQ-19. Knowledgeable in the regulatory rules of new drug application, data protection and patent issues and understand their interrelationship.

PQ-20. Have awareness of his/her duties, rights and responsibilities and act based on Pharmacy Law and high professional ethical standards.

PQ-21. Familiar with and actively pursue the personal and public health, environmental, and work safety issues.