

Pharmacy Services PR.

1st Semester

Medical Terminology 3 ECTS

With this course, students will be able to understand the meanings, They will be able to easily understand and use these terms in their professional and everyday life.

Ataturk's Principles and History of Turkish Revolution I 2 ECTS

Teaching the military, political, economic and social events of the Ottoman Empire in the internal and external politics, the struggle for national liberation and the formation of the new Turkish Republic.

English I 2 ECTS

Students will understand English effectively and use basic grammar of English Rules. Through this course, students will be able to interpret simple dialogues in English and use the new structures and words they have learned in their daily lives.

Turkish Language I 2 ECTS

To give information about language definition, role and importance in communication, verbal and written expression techniques in literary and scientific fields, writing rules and expression disorders.

Introduction to Pharmacy Technician 7 ECTS

Students will develop knowledge and skills related to the role and scope of practice of the institutional pharmacy technician.

Occupational Ethics 3 ECTS

This course will introduce the student to the various types of institutional health care settings, and the pharmacy practice settings that are utilized within each institution. Emphasis will be placed on examination of the laws and regulations and ethical standards that govern institutional operations.

Biochemistry 3 ECTS

Provide learners with an introduction to basic biochemical concepts important for students. Lecture material will focus on the properties of major biomolecules and the cellular environment in which they exist.

Biology 5 ECTS

This course emphasis is placed on understanding biological mechanisms and processes. As well, students will examine how the body's systems and cells maintain peak functioning levels of homeostasis at the physical and chemical levels of operation.

Pharmacy Management 3 ECTS

This course introduces Pharmacy Technician students to the concept of management in a pharmacy setting. Students will analyze types of pharmacies and forms of business and will identify purchasing, receiving, merchandising and marketing strategies that would be implemented to best suit each environment.

2nd Semester

Physiology 3 ECTS

This course Introduces to human physiology, tissue and systems, homeostasis, Muscular System, Nervous System, Cardiovascular System, Blood and Immune system, Respiratory System, Sensory System, Digestive System, Urinary System, Endocrine System and Reproduction.

Ataturk's Principles and History of Turkish Revolution II 2 ECTS

This course examines Atatürk's principles and reforms and the political developments after the Ataturk with the establishment process of the Republic of Turkey.

English II 2 ECTS

Students will be able to understand English, use it effectively and compare basic grammar rules of English. Through this course, students can comment on simple dialogues in English and use the new structures and words they have learned in their daily lives.

TURK 121 - Turkish Language II 2 ECTS

Proper use of punctuation marks in writing, development of plain text writing skills, listening and reading skills are taught.

Diseases Information 5 ECTS

The system of the body and the basic knowledge of the diseases which are related to these systems are transferred to the students.

Pharmacology 4 ECTS

In this course, basic pharmacological concepts, specific mechanisms of drug action and the system will be discussed.

Pharmacy and Computer Applications 8 ECTS

This course introduces Pharmacy Technician students to the concept of computerized prescription order entry. Integrating pharmacy concepts learned in math and dispensing classes, students will learn how to interpret, enter and process various types of prescriptions using appropriate references and pharmacy dispensing software systems.

Pharmaceutical Calculations 4 ECTS

This course will assist the pharmacy technician student in developing the skills necessary to perform precise calculations when dealing with medication. Students will be able to interpret the written prescription, determine safe dosages and quantities to prepare and dispense for various routes of administration.

3rd Semester

Infectious Diseases and Microbiology 5 ECTS

To learn classifying microorganisms and some definitions of infectious diseases, transmission routes, factors, signs and symptoms and to gain information about the general factors related to the host and the environment.

First Aid 3 ECTS

First aid entry and general characteristics, evaluation of basic life function, respiratory and circulatory system, first aid injury, bleeding in first aid, shock and first aid, burns and first aid, poisoning and first aid, fracture-dislocations and sprains first aid, basic life support

Compulsory Internship I 5 ECTS

The professional knowledge gained at the school, students will receive internships during the thirty working days at the end of to ensure that they acquire new practical and technical skills, to acquire business skills, and to communicate effectively with other disciplines and administrators.

Pharmacy Services Practices I 6 ECTS

This theory course will provide students with an opportunity to investigate common pharmacy practices used in current community pharmacy settings. Students will be introduced to drug dosage forms, routes of administration and prescription components.

Medicine Information I 4 ECTS

Students will learn the pharmacological and therapeutic classifications of drugs according to the Compendium of Pharmaceuticals and Specialties. This course is based on a case study which will include: dosing, contraindications, adverse effects, warning labels, safety issues and devices.

Drug Forms and Technologies I 5 ECTS

Students will learn and practice the various techniques necessary in product manipulation and preparation, while performing precise calculations when dealing with medications and adhering to pharmacy manufacturing protocols.

Natural Products 2 ECTS

Students will be introduced to natural products and the history of cosmetic preparations leading to today's products. The concepts of synthetic versus natural cosmetics are explored as are commercial versus professional. Particular attention will be paid to the basic ingredients and their purpose.

4th Semester

Pharmacy Services Practices II 6 ECTS

This course will enable pharmacy technician students to develop additional experience assessing, evaluating and trouble-shooting advanced prescription samples and case studies associated with the community pharmacy practice setting.

Basic Professional Skills 5 ECTS

This course introduces Pharmacy Technician students to the concept of management in a pharmacy setting. Students will analyze types of pharmacies and forms of business and will identify purchasing, receiving, merchandising and marketing strategies that would be implemented to best suit each environment.

Medicine Information II 4 ECTS

Students will learn the pharmacological and therapeutic classifications of drugs. This course is based on a case study which will include: dosing, contraindications, adverse effects, warning labels, safety issues and devices.

Toxicology 3 ECTS

The course is designed to enable students to gain knowledge in Classification and identification of workplace hazardous agents and techniques for recognizing, assessing, and controlling safety hazards.

Drug Forms and Technologies II 5 ECTS

Students will learn and practice the various techniques necessary in product manipulation and preparation, while performing precise calculations when dealing with medications and adhering to pharmacy manufacturing protocols.

Pharmacy Registrations and Stock Management 4 ECTS

Students will analyze types of pharmacies and forms of business and will be register about pharmaceuticals. Students will investigate inventory control practices, pricing strategies, loss prevention practices that would be useful for each demographic area. Mathematic principles will also be applied to do the necessary calculations used in stock management.

Veterinary Products and Pesticides 3 ECTS

Students learn pesticides and medical products specific to the veterinary products.