

ANAESTHESIA PROGRAMME

1. Semester

ANS 111 - Anesthesiology I (7 ECTS)

Teaching about the monitoring process, application areas of anesthesiology, the role and tasks of anesthesia technician, types of anesthesia and anesthetic agents.

ANS 112 - Biochemistry (3 ECTS)

With this course students will learn the features of basic biochemical mechanisms and by commenting on the problems they encounter in this area in their lives.

ANS 113 - 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.

ANS 114 - Introduction to Anatomy (3 ECTS)

To give information about the anatomical structure and properties of human body.

ANS 115 - Anesthetic Pharmacology (5 ECTS)

To give theoretical information to the students about the properties, mechanisms and types of pharmacological agents used in anesthesia.

ANS 116 - Occupational Ethics (3 ECTS)

This course will help students learn about the ethical concept and health professional ethics and find solutions to the problems they face in their professional life.

ATA 111 - 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.

ING 111 - 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.

TURK 111 - 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.

2. Semester

ANS 121 - Anesthesiology II (5 ECTS)

In the direction of basic medical and ethical principles of anesthesia science and medicine art, I approach to patients, colleagues, institutional associations. Risk perception and planning of measures. Relevance of the equipment, maintenance, use, replacement. To have complete anatomical, pharmacological and physiological knowledge within the content of the subject. This information is the execution of the initiation, follow-up and termination of anesthesia in the light. Emergency intervention. Detection and resolution of changes in pathological dimension. Having the ability to see and avoid possible situations in the postanesthetic period and to record them all in line with legal requirements.

ANS 122 - Applied Anesthesia and Reanimation I (6 ECTS)

In the direction of basic medical and ethical principles of anesthesia science and medicine art, I approach to patients, colleagues, institutional associations. Risk perception and planning of measures. Relevance of the equipment, maintenance, use, replacement. To have complete anatomical, pharmacological and physiological knowledge within the content of the subject. This information is the execution of the initiation, follow-up and termination of anesthesia in the light. Emergency intervention. Detection and resolution of changes in pathological dimension. Having the ability to see and avoid possible situations in the postanesthetic period and to record them all in line with legal requirements.

ANS 123 - Sterilization Principles and Methods (5 ECTS)

Asepsis, Antisepsis, Disinfection, Knowing sterilization concepts, Providing sterilization for operating room and instruments, Stabilizing sterilization, Preventing infection in the operating room.

ANS 124 - Physiology (3 ECTS)

Introduction 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

ANS 125 - 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.

ATA 121 - Atatürk's Principles and History of Turkish Revolution II (2 ECTS)

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

ING 121 - 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, developing the ability to write plain texts; Listening, and reading abilities.

3. Semester

ANS 212 Applied Anesthesia and Reanimation II (9 ECTS)

In the direction of advance medical and ethical principles of anesthesia science and medicine art, I approach to patients, colleagues, institutional associations. Students, respiratory disease and anesthesia, anesthesia in open heart surgery, will be dealt with issues such as anesthesia in neurosurgical surgery.

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.

ANS 214 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 5 ECTS

The professional knowledge gained at the school, students will receive internships during the thirty working days at the end of the 2nd semester to ensure that they acquire new practical and technical skills, to acquire business skills, and to communicate effectively with other disciplines and administrators.

Stress Management 3 ECTS

To learn basic concepts about crisis and stress, what to do and how to do in crisis environment to teach that it should be managed, to give the awareness of controlling stress.

Communication in Health 3 ECTS

Basic concepts of Communication and Health Communication, Theories and Models of Communication, Target Audience, Campaign Process and Media Use

Quality and Accreditation in Health 2 ECTS

Introduction to quality management, historical development of quality management in the world and in Turkey, basic concepts of quality management, quality control and quality assurance concepts, total quality management and elements, accreditation calibration concepts, evaluation of service quality (SERVQUAL), EFQM, JCI - quality standards (SKS Version 5), quality control circles, statistical quality control methods, examples of quality management applications in health services

4. Semester

ANS 222 Special Anesthesia Techniques (6 ECTS)

In this course, in diabetic patients anesthesia, anesthesia in pediatric patients, will be dealt with issues such as anesthesia for ENT surgery.

ANS 223 Advanced Life Support Applications (5 ECTS)

Information on providing advanced life support and are intended to gain the skills.

ANS 224 Health Services Administration (3 ECTS)

The structure of the Health Services is the knowledge and skills related to the functions of the health institutions, office work, state administration bodies and administrative law, public personnel management.

ANS 213 Information and Communication Technology (4 ECTS)

Use computer at basic level (preparing documents, preparing tables, preparing presentations, using internet).

Basic Professional Skills 5 ECTS

During his education and professional life he / she was informed during treatment and care of healthy /apply basic skills.

Sign language 3 ECTS

To learn the sign language used by hearing impaired individuals and to teach and to use this language when needed in social life.

Vocational English 2 ECTS

To address the basic concepts of professional English in the field of health, improve understanding skills, contribute to writing and speaking skills.

Medical Biology 2 ECTS

The aim of this course is; general concepts and functions of cell and hereditary material genetic mechanisms.