



ROMANIA
THE MINISTRY OF NATIONAL EDUCATION
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THE FACULTY OF DENTISTRY

TOPICS FOR ADMISSION

JULY 2017 SESSION

STUDY PROGRAM DENTISTRY

BIOLOGY

Written Test

1. Organization of the human body
2. The osseous system
3. The muscular system: the skeletal and visceral muscles, the main groups of somatic muscles, visceral muscles and muscles properties
4. The nervous system: the marrow, the brainstem, the cerebellum, the diencephalon
5. Analyzers: cutaneous, kinesthetic, hearing, taste, smell
6. The endocrine system: the pituitary gland, the thyroid, the parathyroids, adrenal glands, the endocrine pancreas
7. The digestive tube: the anatomy of the digestive system, the physiology of the digestive system, the gastro-intestinal tract, and the annex glands
8. Internal environment, blood, blood functions
9. The circulatory system and the circulation – notions of anatomy
10. The respiratory system: structure and philosophy of the breathing
11. The excretory system: kidneys and the urinary tracts, the micturition
12. The reproductive system – anatomy

Recommended literature:

1. Biology – Textbook for 11th grade, Authors: Rosu Ionel, Istrate Calin, Ardelean Aurel, Corint Publishing House, 2006 (or the edition of 2008)
2. The Human Anatomy and Physiology, Preparatory Textbook for the Admission in the Higher Education – Aurel Ardelean, Ionel Rosu, Calin Istrate,

There are to be omitted the sub-chapters: practical activities, topics and applications, self-evaluation, elementary notions of hygiene and pathology.

TOPICS FOR ADMISSION

JULY 2017 SESSION

STUDY PROGRAM DENTAL TECHNIQUE

BIOLOGY

Written Test

1. The osseous system: the skeleton, the joints
2. The muscular system: the skeletal muscles, types of contractions, structure of the striated muscle fiber
4. The digestive tube and annexes: structure, composition and mechanic digestion
5. The circulation – composition of the blood, blood types, pulmonary and systemic circulation

Recommended literature:

1. Biology – Textbook for 11th grade, Authors: Rosu Ionel, Istrate Calin, Ardelean Aurel, Corint Publishing House, 2006 (or the edition of 2008)
2. The Human Anatomy and Physiology, Preparatory Textbook for the Admission in the Higher Education – Aurel Ardelean, Ionel Rosu, Calin Istrate, Valentin Vasloban, Corint Publishing House, ISBN: 97309413-72-2, VGWU University Library of Arad

There are to be omitted the sub-chapters: practical activities, topics and applications, self-evaluation, elementary notions of hygiene and pathology.

Approved in the Council of the Faculty of Dentistry of January 17, 2017.

***Dean,
Assoc. prof. Paul FREIMAN, MD***

***Vice-dean,
Senior Lecturer Ioana LILE, MD***