



INTRODUCTION TO MEDICINE

LEARNING-ACHIEVEMENT-BASED SUBJECT DESCRIPTION

Program:	Dentistry
Course:	Introduction to Medicine – FOG-MAC011; FOG-MAC012
Type of subject:	compulsory elective
Academic year and semester:	Year I. / Fall semester
Course coordinator:	Bettina F. Pikó M.D., Ph.D., D.Sc. – full professor Department of Behavioral Sciences (6722 Szeged Mars square 20.) e-mail: fuzne.piko.bettina@med.u-szeged.hu
Type of class:	lecture & practice
Weekly hours:	1 + 1
Credit vale:	1 + 1
Type of examination:	evaluation (5); term mark (5)
Preliminary requirements:	-

Purpose of course:

The main goal of the course is to give an outline of the science and art of medicine. To gain this purpose, a multidisciplinary approach is used. Introduction is given in the following main fields:

- History of Medicine (to get familiar with the development of modern medicine)
- Health Philosophy and Behavioral Medicine (to get insight into the role of behavioral factors in disease causation)
- Preventive Medicine and Community Health (to get basic knowledge of preventive health care and health promotion, health education)
- Medical Ethics (to get familiar with basic principles of medical ethics)

Outcome requirements:

Knowledge

- Being familiar with the modern concept of health and disease, normality and abnormality
- Being familiar with the multifactorial disease causation, the role of lifestyle and other factors (environmental, social, genetic) in disease causation
- Being familiar with the role of culture, stress, coping and social support in disease causation and prevention
- Being familiar with epidemiological study designs
- Being familiar with basic methods and psychology of screening and preventive health care
- Being familiar with the basic principles of medical ethics
- Being familiar with history of medicine and the developmental stages of modern medicine.

Competences

- Having the skill to plan a community diagnosis
- Having the skill to understand basic medical statistics
- Having the skills to apply basic principles of medical ethics.

Attitudes

- Communicating with future patients in the light of behavioral medicine principles
- Communicating with future patients with emotional intelligence and empathy
- Communicating with future patients in a holistic view.

Autonomy and responsibility

- Having responsibility to behave according to modern Hippocratic oath in health care settings.

Topics:

Lecture

- Introduction
- Modern concept of health and illness
- What influences health?
- Community diagnosis and descriptive epidemiology
- Analytic epidemiology, concept of risk
- Prevention, screening
- Health promotion, behavioral medicine, stress management
- History of Medicine I. Earliest medicine, antique times
- History of Medicine II. Medicine in middle ages, Renaissance, Enlightenment
- History of Medicine III. Science and technology in the 19th-20th centuries
- Medical Ethics I. Basic principles of bioethics
- Medical Ethics II. Medical profession and the Hippocratic oath
- Medical Ethics III. Ethics, morality and ethical theories

Practice

- Modern concept of health and illness
- What influences health?
- Stress, lifestyle, society and health
- Medical statistics, community diagnosis, epidemiology
- Prevention and health promotion
- Basic principles and practice of medical ethics

Methods:

- Audio-visual devices

Criteria of the competition of the course:

- Participation at the lectures and practices as per the general regulations.
- Only one justified absence is allowed from practice. Active participation is required!

Evaluation:

Lecture (evaluation)

- Written test-exam at the end of the first semester (MS Teams, online)
- The mark of the test-exam is assessed as an ESE (End-Semester Exam)

Mandatory reading list:

- Pikó, B. (ed.):
Introduction to Medicine. Basic Principles of Behavioral Sciences and Preventive Medicine. Medicina, 2009. Budapest.

Recommended reading list:

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INTRODUCTION TO MEDICINE LECTURE

2023/2024 1st semester

Time and place: Real-time online lectures: MS Teams (via EDU-ID – for more information see Coospace Forum and Newsboard)
Tuesday, 10-10.45 (1-14. week)

Lecturers: Prof. Dr. Bettina Pikó, M.D., D.Sc.
email: fuzne.piko.bettina@med.u-szeged.hu
consultation time: Tuesday: 17.15 – 17.45
Gergely Tari, Ph.D.
email: tari.gergely.robert@med.u-szeged.hu
Hedvig Kiss, M.D., Ph.D.
email: kiss.hedvig@med.u-szeged.hu

Test-exam: 12-Dec-2023, 10.00 -- 10.50
Online (MS Teams, Forms)

Schedule:

1.	2023.09.12.	Introduction	Prof. Pikó
2.	2023.09.19.	Modern concept of health and illness	Prof. Pikó
3.	2023.09.26.	What influences health?	Prof. Pikó
4.	2023.10.03.	Community diagnosis and descriptive epidemiology	Prof. Pikó
5.	2023.10.10.	Analytic epidemiology, concept of risk	Prof. Pikó
6.	2023.10.17.	Prevention, screening	Prof. Pikó
7.	2023.10.24.	Health promotion, behavioral medicine, stress management	Prof. Pikó
8.	2023.10.31.	History of Medicine I. Earliest medicine, antique times	Hedvig Kiss
9.	2023.11.07.	History of Medicine II. Medicine in middle ages, Renaissance, Enlightenment	Hedvig Kiss
10.	2023.11.14.	History of Medicine III. Science and technology in the 19th-20th centuries	Hedvig Kiss
11.	2023.11.21.	Medical Ethics I. Basic principles of bioethics	Gergely Tari
12.	2023.11.28.	Medical Ethics II. Medical profession and the Hippocratic oath	Gergely Tari
13.	2023.12.05.	Medical Ethics III. Ethics, morality and ethical theories	Gergely Tari
14.	2023.12.12.	WRITTEN TEST-EXAM	



INTRODUCTION TO MEDICINE PRACTICE

2023/2024 1st semester

Schedule:

WEEK 1-2.

WEEK 3-4.

WEEK 5-6.

WEEK 7-8.

WEEK 9-10.

WEEK 11-12.

WEEK 13.

WEEK 14.

Compulsory class: every second week!

Introduction I-II.

Health and illness I-II.

What influences health? Stress and lifestyle I-II.

Epidemiology I-II.

Prevention and health promotion I-II.

Basic principles and practice of medical ethics I-II.

Consultation

Online consultation (optional), **WRITTEN TEST-EXAM** (during lecture time)

Annabella Obál, M.A.

email: obal.annabella@med.u-szeged.hu

Practice teacher:

Vanessa Müller, M.A.

email: muller.vanessa@edu.u-szeged.hu

Essay, test:

After every practice. Deadline as given on Coospace. Compulsory.

GROUP	DAY	TIME	PLACE	TEACHER	DATE
1.	Monday	10-11.30	Szent-Györgyi Albert Educational Building, room 26.	Vanessa Müller	09.11.,09.25.,10.09.,11.06.,11.20.,12.04.
2.					09.18.,10.02.,10.16.,10.30.,11.13.,11.27.
3.	Wednesday	8-9.30	Dormitory of Miklós Jancsó, room 3.	Annabella Obál	09.13.,09.27.,10.11.,10.25,11.08.,11.22.
4.					09.20.,10.04.,10.18.,11.15.,11.29.,12.13.