# REQUIREMENTS

Semmelweis University, Faculty of Medicine  
Name(s) of the Institute(s) teaching the subject: Department of Pharmacology and Pharmacotherapy

| Name of the subject: Pharmacology I  
Credits: 4  
Total number of hours: 56  
lectures: 28  
practices: 28  
seminars: |
|---|---|---|---|

<table>
<thead>
<tr>
<th>Type of the course (mandatory/elective): mandatory</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Academic year: 2019/2020</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Code of the course</th>
</tr>
</thead>
</table>

Course director (tutor): dr. László Köles  
Contact details: Department of Pharmacology and Pharmacotherapy, 1089 Budapest, Nagyvárad tér 4. Tel: +36-1-2104416, e-mail: koles.laszlo@med.semmelweis-univ.hu  
Position: Vice Director, Associate Professor  
Date of habilitation and reference number: 07 June 2010., 302

Aim of the subject and its place in the curriculum: Pharmacology deals with the effects, mechanisms of actions, adverse effects, interactions and clinical administration of drugs used in the clinical practice as well as with their fate in the body. It also specifies the rules of prescription writing. It is based on and synthesizes the knowledge of basic, pre-clinical and clinical subjects such as physiology, biochemistry, oral pathology and internal medicine.

Location of the course (lecture hall, practice room, etc.): Green Lecture Hall; Sz02, L04, L05 seminar rooms; NET building, 1089 Budapest, Nagyvárad tér 4

Competencies gained upon the successful completion of the subject:  
Upon successful completion of the course students should:  
- understand the basic principles of pharmacology  
- be familiar with the basic phases of clinical trial and the importance of trials in bringing new drugs onto the market.  
- have sufficient grasp of the basic mechanisms of the diseases covered to be able to rationalise the choice of drug used to treat them  
- know the main classes of drug used to treat each disease  
- know, for each of the drugs discussed, its clinical use, site and mechanism of action and any common or serious unwanted side-effects

Prerequisite(s) for admission to the subject: Pathology, Biochemistry, Molecular and Cell biology III., Medical and Dental Physiology II.

Minimum and maximum number of students registering for the course: Since it is a mandatory subject all the students in the fourth year of medical education must register.  
Registration through Neptun system  
Student selection method in case of oversubscription: N/A
How to register for the course: via Neptun system

Detailed thematic of the course:

Lectures
1. Introduction to pharmacology
2. Pharmacokinetics
3. Basics of the neurotransmission of autonomic nervous system
4. Skeletal muscle relaxants
5. Sympatholytics
6. Local anesthetics
7. Antidepressant and antimanic drugs
8. All Saint’s Day (Holiday)
9. Anxiolytics, sedative-hypnotics
10. Antipsychotics
12. Antibacterial therapy I. Protein synthesis inhibitors (50S): Macrolides, ketolides, lincosamides, streptogramins, linezolid, chloramphenicol
13. Antibacterial therapy II. DNA gyrase inhibitors, antifolates. Antimalarial therapy
14. Antiviral drugs

Practices
1. Pharmacodynamics I.
2. Pharmacodynamics II.
3. Parasympathomimetics. Parasympatholytics
4. Sympathomimetics
5. Pharmacology of the respiratory tract
6. General anesthetics
7. Desinfectants and antiseptics.
8. Consultation
9. Antiepileptics
10. Drugs for neurodegenerative diseases, nootropic drugs
11. Carbapenems. monobactams, β-lactamase inhibitors. Cephalosporins, glycopeptide- and lipopeptide antibiotics
12. Aminoglycosides, tetracyclines, glyceryclines, metronidazole. Antiprotozoal drugs (except antimalarial agents)
13. Antituberculotics, special antibiotics (polymyxins, bacitracin, nitrofurantoin, phosphomycin)

Potential overlap(s) with other subjects: Physiology, Biochemistry, Molecular Cell Biology, Pathology, Internal Medicine, Cardiology, Pulmonology, Pediatrics, Neurology

Special training activities required: N/A

Policy regarding the attendance and making up absences:
Maximum number of absences is 25 percent of the number of practices in the semester. In the case of absence the student can attend another class the same week.

Means of assessing the students’ progress during the semester:
There are no mandatory midterm tests during the semester.
<table>
<thead>
<tr>
<th>Requirement for acknowledging the semester (signature):</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of absences must not be more than 25 percent of the number of practices in the semester.</td>
</tr>
<tr>
<td>Type of the examination: oral semifinal exam</td>
</tr>
</tbody>
</table>
Exam requirements:
One question is given from two topic lists each. Acceptable knowledge must be proven.

Topic list „A”

A/1. Pharmacodynamics I (Molecular targets of drugs. Drug receptors.)
A/5. Cholinergic transmission and its presynaptic modification.
A/6. Adrenergic transmission and its presynaptic modification.
A/7. Cholinomimetics
A/8. Parasympatholytics (Muscarinic receptor blocking agents)
A/9. Catecholamines
A/10. Indirect sympathomimetics. Selective $\alpha_1$-agonists. Selective $\alpha_2$-agonists and drugs acting on the imidazoline receptors.
A/11. $\alpha$-receptor antagonists.
A/12. $\beta$-receptor antagonists.
A/13. Centrally acting skeletal muscle relaxants (spasmolytics). Dantrolene. Botulinum toxin
A/15. Selective $\beta_2$-agonists and other bronchodilators.
A/16. Antiinflammatory agents used in bronchial asthma. Antitussive agents and expectorants.
A/17. Inhalational anesthetics.
A/19. Benzodiazepines and non benzodiazepine anxiolytics, hypnotics
A/21. Tricyclic and related (tetracyclic and unicyclic) antidepressants. MAO-inhibitors.
A/23. Antiepileptics used in partial seizures and generalized tonic-clonic seizures (with the exception of broad-spectrum antiepileptics)
A/25. Drugs used for treatment of neurodegenerative disorders. Nootropic drugs

Topic list „B”

B/1. Basic principles of antimicrobial therapy. Antiprotozoal and antihelminthic drugs.
B/2. Desinfectants and antisepsics.
B/3. Antimycobacterial drugs
B/5. Agents to treat herpes simplex (HSV), varicella-zoster (VZV), cytomegalovirus (CMV) and respiratory syncytial virus (RSV) infections. Anti-influenza agents.
B/6. Antiretroviral agents.
B/7. Treatment of viral hepatitis.
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>B/12.</td>
<td>Tetracyclines and glyclycyclines.</td>
</tr>
<tr>
<td>B/13.</td>
<td>Aminoglycosides</td>
</tr>
<tr>
<td>B/14.</td>
<td>DNA gyrase inhibitor antibiotics.</td>
</tr>
<tr>
<td>B/15.</td>
<td>Macrolides and ketolides.</td>
</tr>
</tbody>
</table>

**Type and method of grading**:
According to the knowledge proven at the exam.

**How to register for the exam**:
Registration must be done through the NEPTUN system for the days set by the department up to the limits.

**Opportunities to retake the exam**:
According to the Study and Examination Policy of Semmelweis University

**Literature, i.e. printed, electronic and online notes, textbooks, tutorials (URL for online material)**:

Materials discussed during lectures and seminars: [http://semmelweis.hu/pharmacology](http://semmelweis.hu/pharmacology), Moodle ([https://ite.semmelweis.hu](https://ite.semmelweis.hu))

**Signature of the tutor**: [Signature]

**Signature(s) of the head(s) of the Institute(s)**: [Signature]

**Date**: [Date]

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**Credit Transfer Committee’s opinion**: 

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**Comment of the Dean’s Office**: 

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**Signature of the Dean**: 

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1 Dékáni Hivatal tölti ki, jóváhagyást követően.
2 Az elméleti és gyakorlati oktatást órákra (hetekre) lebontva, sorszámozva külön-külön kell megadni, az előadók és a gyakorlati oktatók nevének feltüntetésével. Mellékletben nem csatolható!
3 Pl. teregyakorlat, körnapfelezés, felmérés készítése stb.
4 Pl. házi feladat, beszámoló, zártbíról stb. témaköre és időpontja, pótlásuk és javításuk lehetősége.
5 Elméleti vizsga esetén kérjük a tételsor megadását, gyakorlati vizsga esetén a vizsgáztatás témakörét és módját.
6 Az elméleti és gyakorlati vizsga beszámításának módja. Az évközi számonkérések eredményeink beszámítási módja.
# REQUIREMENTS

Semmelweis University, Faculty of Medicine  
Name(s) of the Institute(s) teaching the subject: Department of Pharmacology and Pharmacotherapy

<table>
<thead>
<tr>
<th>Name of the subject: Pharmacology II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits: 4</td>
</tr>
<tr>
<td>Total number of hours: 56</td>
</tr>
<tr>
<td>lectures: 28 practices: 28 seminars:</td>
</tr>
<tr>
<td>Type of the course (mandatory/elective): mandatory</td>
</tr>
</tbody>
</table>

| Academic year: 2019/2020 |

| Code of the course1: |

<table>
<thead>
<tr>
<th>Course director (tutor): dr. László Köles</th>
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<tbody>
<tr>
<td>Contact details: Department of Pharmacology and Pharmacotherapy, 1089 Budapest, Nagyvárad tér 4. Tel: +36-1-2104416, e-mail:<a href="mailto:koles.laszlo@med.semmelweis-univ.hu">koles.laszlo@med.semmelweis-univ.hu</a></td>
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| Aim of the subject and its place in the curriculum: Pharmacology deals with the effects, mechanisms of actions, adverse effects, interactions and clinical administration of drugs used in the clinical practice as well as with their fate in the body. It also specifies the rules of prescription writing. It is based on and synthesizes the knowledge of basic, pre-clinical and clinical subjects such as physiology, biochemistry, oral pathology and internal medicine. |

| Location of the course (lecture hall, practice room, etc.): Green Lecture Hall; Sz02, L04, L05 seminar rooms; NET building, 1089 Budapest, Nagyvárad tér 4 |

| Competencies gained upon the successful completion of the subject: |
| Upon successful completion of the course students should: |
| • understand the basic principles of pharmacology |
| • be familiar with the basic phases of clinical trial and the importance of trials in bringing new drugs onto the market. |
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| Prerequisite(s) for admission to the subject: Pathology, Biochemistry, Molecular and Cell biology III., Medical and Dental Physiology II. |

| Minimum and maximum number of students registering for the course: Since it is a mandatory subject all the students in the fourth year of medical education must register. |
| Registration through Neptun system |
| Student selection method in case of oversubscription: N/A |
How to register for the course: via Neptun system

**Detailed thematic of the course:**

**Lectures**
1. Anticoagulants
2. Diuretics
3. Inhibitors of the renin-angiotensin-aldosterone system. Calcium channel blockers and other vasodilators
4. Treatment strategy of ischemic heart disease, congestive heart failure and hypertension.
5. Drugs acting on glucose homeostasis, parenteral antidiabetic preparations
6. Oral antidiabetics
7. Drugs acting on bone homeostasis
8. Gluco- and mineralocorticoids
9. Opioids
10. Drugs used in the treatment of peptic ulcer and reflux disease
11. Histamine and antihistamines. Antiemetic agents
13. Immunopharmacology
14. Toxicology in the dental practice

**Practices**
1. Inhibitors of platelet aggregation, fibrinolitics, treatment of bleeding. Drugs acting on erythropoiesis
2. Antihyperlipidemic drugs. Drugs used in the treatment of peripheral vascular diseases. Local circulation improving drugs. Prescription writing
3. Antiarrhythmic drugs
4. Nitrates and positive inotropic drugs
5. 1st midterm exam. Prescription writing
10. Pharmacology of digestion, liver and biliary tract. Drugs used in diarrhea and constipation.
11. 2nd midterm exam. Prescription writing
12. Cytostatic agents
14. Consultation. Prescription exam

**Potential overlap(s) with other subjects:** Physiology, Biochemistry, Molecular Cell Biology, Pathology, Internal Medicine, Cardiology, Pulmonology, Pediatrics, Neurology

**Special training activities required:** N/A

**Policy regarding the attendance and making up absences:**
Maximum number of absences is 25 percent of the number of practices in the semester. In the case of absence the student can attend another class the same week.
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**Topic list „A“**

A/1. Pharmacodynamics I (Molecular targets of drugs. Drug receptors.)
A/5. Cholinergic transmission and its presynaptic modification.
A/6. Adrenergic transmission and its presynaptic modification
A/7. Cholinomimetics
A/8. Parasympathomimetics (Muscarinic receptor blocking agents)
A/9. Catecholamines
A/10. Indirect sympathomimetics. Selective $\alpha_1$-agonists. Selective $\alpha_2$-agonists and drugs acting on the imidazoline receptors.
A/11. $\alpha$-receptor antagonists.
A/12. $\beta$-receptor antagonists.
A/13. Centrally acting skeletal muscle relaxants (spasmolytics). Dantrolene. Botulinum toxin
A/15. Selective $\beta_2$-agonists and other bronchodilators.
A/16. Antiinflammatory agents used in bronchial asthma. Antitussive agents and expectorants.
A/18. Drugs used for the treatment of peripheral vascular diseases. Therapy of migraine.
A/20. Drugs used for treatment of congestive heart failure. II: Cardiac glycosides
A/21. Antiarrhythmic agents
A/22. Antihypertensive drugs I. Classification of antihypertensive agents and their mechanisms of action
A/23. Antihypertensive drugs II. $Ca^{2+}$-channel blockers and other vasodilators
A/24. Antihypertensive drugs III. Drugs influencing the activity of the renin-angiotensin-aldosterone system
A/25. Drugs used for treatment of angina pectoris
A/26. Antihyperlipidemic drugs
A/27. Potassium excreting diuretics
A/29. Drugs used in disorders of coagulation I: Antiplatelet agents
A/30. Drugs used in disorders of coagulation II: Anticoagulants.
A/32. Antiemetic drugs. Pharmacology of digestion, liver and biliary tract.
A/33. Drugs used in diarrhea and constipation. Drugs used in chronic inflammatory bowel diseases (IBD).
A/34. Drugs used in peptic ulcer and gastroesophageal reflux diseases

**Topic list „B“**

B/1. Inhalational anesthetics.
B/3. Benzodiazepines and non benzodiazepine anxiolytics, hypnotics
B/4. Antipsychotic agents.
B/5. Tricyclic and related (tetracyclic and unicyclic) antidepressants. MAO-inhibitors.
B/7. Antiepileptics used in partial seizures and generalized tonic-clonic seizures (with the exception of broad-spectrum antiepileptics)
B/9. Drugs used for treatment of neurodegenerative disorders. Nootropic drugs
B/11. Local anesthetics II. Unwanted effects. Ester derivatives. Techniques of local anesthesia.
B/12. Histamine and H₁-blockers
B/13. Natural opioids, opioid receptors
B/14. Semisynthetic and synthetic opioids
B/15. Drugs of abuse (opioids, ethanol, sedatives, psychostimulants, cannabis, hallucinogens)
B/18. Glucocorticoids for oral and parenteral use
B/20. Thyroid and antithyroid drugs. Hypothalamic and pituitary hormones
B/21. Pancreatic hormones and parenterally applied antidiabetic drugs.
B/22. Oral antidiabetics.
B/23. Agents that affect bone mineral homeostasis (calcium, vitamin D, parathyroid hormone, calcitonin, etc.)
B/27. Agents used in anemias.
B/29. Immunopharmacology (cytotoxic agents, inhibitors of cytokine gene expression, antibodies and fusion proteins.)
B/30. Cancer chemotherapy I. (antimetabolites, alkylating agents, topoisomerase inhibitors. inhibitors of mitotic spindle.)
B/31. Cancer chemotherapy II. (hormonal agents, signal transduction inhibitors, antimetastatic drugs and vascularisation inhibitors.)

Topic list „C”

C/1. Basic principles of antimicrobial therapy. Antiprotozoal and antihelminthic drugs.
C/2. Disinfectants and antiseptics.
C/3. Antimycobacterial drugs
C/4. Antifungal agents.
C/5. Agents to treat herpes simplex (HSV), varicella-zoster (VZV), cytomegalal- (CMV) and respiratory syncytial virus (RSV) infections. Anti-influenza agents.
C/6. Antiretroviral agents.
C/7. Treatment of viral hepatitis.
C/12. Tetracyclines and glycyclines.
C/13. Aminoglycosides
C/14. DNA gyrase inhibitor antibiotics
C/15. Macrolides and ketolides.

Type and method of grading:
According to the knowledge proven at the exam.

How to register for the exam:
Registration must be done through the NEPTUN system for the days set by the department up to the limits.

Opportunities to retake the exam:
According to the Study and Examination Policy of Semmelweis University

Literature, i.e. printed, electronic and online notes, textbooks, tutorials (URL for online material):


Signature of the tutor:

Signature(s) of the head(s) of the Institute(s):

Date:

Credit Transfer Committee’s opinion:

Comment of the Dean’s Office:

Signature of the Dean:

1 Dékháni Hivatal tölti ki, jóváhagyást követően.
2 Az elméleti és gyakorlati oktatást órákra (hetekre) lehontva, sorszámozva külön-külön kell megadni, az előadók és a gyakorlati oktatók nevének feltüntetésével. Mellekletben nem csatolható!
3 Pl. terepgyakorlat, kórlapemzés, felmérés készítése stb.
4 Pl. házi feladat, beszámoló, zárhelyi stb. témaköre és időpontja, pótlásuk és javításuk lehetősége.
5 Elméleti vizsga esetén kérjük a tétesor megadását, gyakorlati vizsga esetén a vizsgázatás témakörét és módját.
6 Az elméleti és gyakorlati vizsga beszámításának módja. Az évközi számonkérések eredményeink beszámítás módja.
Semmelweis University, Faculty of Medicine  
1st. Department of Medicine (Sándor Korányi Department of Medicine)

<table>
<thead>
<tr>
<th>Course name:</th>
<th>Internal Medicine I, Faculty of Dentistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits:</td>
<td>3</td>
</tr>
<tr>
<td>Contact hours:</td>
<td>Lecture: 14 hours  bedside practice: 28 hours</td>
</tr>
<tr>
<td>Type:</td>
<td>obligatory / elective</td>
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<tr>
<td>Year:</td>
<td>2019/2020 1st semester</td>
</tr>
<tr>
<td>Subject code:</td>
<td>FOKOBL1252_1A</td>
</tr>
<tr>
<td>Course director:</td>
<td>Dr. István Takács</td>
</tr>
<tr>
<td>Title:</td>
<td>professor, department head</td>
</tr>
<tr>
<td>Date and number of habilitation:</td>
<td>2011, 328 (Semmelweis University)</td>
</tr>
<tr>
<td>Telephone:</td>
<td>+36 1 210 0279</td>
</tr>
</tbody>
</table>

**Objective of the course and how it fits in the educational curriculum:**

Primary objective of the course is to have the student to acquire the basic skills of obtaining a proper medical history, learn the bases of physical examination and other methods of patient evaluation, establishing diagnosis and treatment plan. Diseases of the endocrine, gastrointestinal and urogenital system will be reviewed, with special emphasis on their dental significance.

**Location:**
1st. Department of Medicine (Sándor Korányi Department of Medicine)  
2/a Korányi S. Str., Budapest, 1083

**Skills obtained by successful completion of the course:**
Completion of the course will enable the student to perform basic medical patient evaluation (history and physical examination), and acquire knowledge in the diagnosis and treatment of relevant endocrine, gastrointestinal, urogenital urogenital diseases.

**Prerequisites of the course:**
General and oral pathophysiology

**Number of students (minimum, maximum) required to initiate the course**
At least two third of the number of students registered at the Neptun system for the fourth year

**Registration to the course:**
Through the Neptun system

**Lectures:**
weekly once  
duration: 1 contact hour = 1x45 minutes

1. **Medical patient interview, comprehensive health history, techniques of physical examination. Alterations of the skin.**
2. **Assessment of vital signs. Role of physical examination in emergency situations.**
<table>
<thead>
<tr>
<th>Examination of a patient in shock, sudden dyspnea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Examination of the chest, common abnormal findings.</td>
</tr>
<tr>
<td>4. Examination of the abdomen, common abnormal findings</td>
</tr>
<tr>
<td>5. Diagnosis treatment of thyroid diseases and their relevance to dentistry</td>
</tr>
<tr>
<td>6. Types, diagnosis and treatment of diabetes mellitus, relevance to dentistry</td>
</tr>
<tr>
<td>7. Diseases of the calcium metabolism, diseases with altered bone composition</td>
</tr>
<tr>
<td>8. Diseases of the upper gastrointestinal tract, malabsorption and their relevance to dentistry</td>
</tr>
<tr>
<td>10. Diseases of the liver and biliary tract, their relation to dental diseases</td>
</tr>
<tr>
<td>11. Acute diseases of the urogenital system, electrolyte disturbances</td>
</tr>
<tr>
<td>12. Causes and management of chronic kidney disease</td>
</tr>
<tr>
<td>14. Diagnosis and management of the most common intoxications</td>
</tr>
</tbody>
</table>

**Bedside practices:** weekly once  
duration: 2 contact hour = 2x45 minutes

**Additional assignments to be completed for the course:**  
None

**Required attendance:**  
According to the rules of the University, students are required to participate on at least 75% of all sessions. This is evaluated through attendance sheets signed by the tutor.

**Midterm evaluation:**  
There is no formal midterm evaluation. Students are individually followed for their progress by the tutor of the group during the patient oriented practices. The objective is to allow the teacher and students develop a personal relationship with regular feed backs on their advances and areas that need further improvement.

**Requirements for obtaining the signature for the course:**  
Participate on at least 75% of all sessions. At the end of the semester, once the tutor certified that the student met this requirement be evaluating the attendance sheets, the course director grants credits to students in the Neptun system

**Exam type:**  
No formal exam, signature and evaluation based on the presence on the lectures and activity during practices: 1(fail) -5 (excellent)

**Exam requirements:**  
No formal exam

**Scoring the exam results:**  
No formal exam, signature and evaluation based on the presence on the lectures and activity during practices: 1(fail) -5 (excellent)

**Registration to the exam:**  
no formal exam

**Failed exams:**  
no formal exam

**Recommended print, electronic and online learning material:**
- lecture slides provided online after registration (bell.semmelweis.hu)
- Kumar P., Clark M.: Kumar & Clark's Clinical Medicine, 9th edition, Elsevier, 2017

<table>
<thead>
<tr>
<th>Signature of the course director:</th>
<th>[Signature]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature of the host institution:</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Submission date:</td>
<td>[Date]</td>
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</table>

<table>
<thead>
<tr>
<th>OKB decision:</th>
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</table>

<table>
<thead>
<tr>
<th>Notes of the dean:</th>
</tr>
</thead>
</table>

| Deans’ signature: | [Signature] |
### REQUIREMENTS

<p>| Semmelweis University, Faculty of Dentistry |
| Name(s) of the Institute(s) teaching the subject: Institute of Behavioral Sciences |
| <strong>Name of the subject:</strong> Bioethics |
| <strong>Credits:</strong> 2 |
| <strong>Total number of hours:</strong> 28  lectures: 14  practices: 0  seminars: 0 |
| <strong>Type of the course (mandatory/elective):</strong> Mandatory |
| <strong>Academic year:</strong> 2019/2020 |
| <strong>Code of the course:</strong> |
| <strong>Course director (tutor):</strong> Dr. József Kovács |
| <strong>Position:</strong> Professor |
| <strong>Date of habilitation and reference number:</strong> 2006.V.26. (231) |
| <strong>Aim of the subject and its place in the curriculum:</strong> The course is designed to give a broad overview of the field of bioethics, including concepts, theory, and research. |
| <strong>Location of the course (lecture hall, practice room, etc.):</strong> Lecture hall. |
| <strong>Competencies gained upon the successful completion of the subject:</strong> |
| a.) To enable students to recognize ethical issues when encountered in everyday clinical practice and research |
| b.) To provide students with a conceptual-logical system, which helps them to address ethical questions and to resolve ethical dilemmas in an efficient way |
| c.) To introduce students to a body of knowledge, which helps them to understand, respect and protect the rights of patient research subjects and fellow health care professionals |
| d.) To help the would be health care professional to understand the responsibility of the individual, of the health care system and of the society as a whole in maintaining health |</p>
<table>
<thead>
<tr>
<th><strong>Prerequisite(s) for admission to the subject:</strong></th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum and maximum number of students registering for the course:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>Student selection method in case of oversubscription:</strong></td>
<td>Every student is accepted.</td>
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<tr>
<td><strong>How to register for the course:</strong></td>
<td>By Neptun.</td>
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</table>
**Detailed thematic of the course**:  

*Lectures:*

1. **week. (Lecture) Principles of Medical Ethics (Jozsef Kovacs)**

2. **week. (Lecture) Competence and Capacity to Make Health Care Decisions (Orsolya Peter)***  
   
   Information Disclosure to Terminally Ill Patients. Telling the Truth to Patients (Orsolya Peter)

3. **week. (Lecture) Informed Consent I. (Jozsef Kovacs)**

4. **week. Infomed Consent II. (Jozsef Kovacs)**

5. **week. (Lecture) Information Disclosure to Terminally Ill Patients. Telling the Truth to Patients (Orsolya Peter)**

6. **week (Lecture) Reproductive Issues (Orsolya Peter)**

7. **week. End of Life Issues (Jozsef Kovacs)**

8. **week. Organ and Tissue Transplantation (Jozsef Kovacs)**

9. **week. (Lecture) Doctor and Society (Jozsef Kovacs)**

10. **week (Lecture) Doctor-Patient, Doctor-Doctor Relationship (Jozsef Kovacs)**

11. **week. Ethical Questions of Human Reasearch (Imre Szebik)**

12. **week (Lecture). Malpractice (Orsolya Péter)**

13. **week (Lecture). Confidentiality and Medical Records. Reportable Illnesses, HIV-Related Issues, Sexually Transmitted Diseases (STDs) (Imre Szebik)**

14. **week (Lecture) The Rights of Patients (Orsolya Péter)**
<p>| <strong>Potential overlap(s) with other subjects:</strong> | Medical Communication, medical psychology |
| <strong>Special training activities required:</strong> | None. |
| <strong>Policy regarding the attendance and making up absences:</strong> | Students are expected to attend regularly the course and participation list will be recorded at the end of every lecture. Participating on at least 75% of the total number of lectures is a prerequisite for getting the signature needed to absolve the course. The maximum number of absences permitted: three absences from the lectures. |
| <strong>Means of assessing the students’ progress during the semester:</strong> | None. |
| <strong>Requirement for acknowledging the semester (signature):</strong> | Participation on at least 75% of the total number of lectures is a prerequisite for getting the signature needed to absolve the course. |
| <strong>Type of the examination:</strong> | Written (Multiple Choice Test) or Oral |
| <strong>Exam requirements:</strong> | Theoretical exam based on the topics of the lectures and the textbook |
| <strong>Type and method of grading:</strong> | The sole source of grading is the achievement reached on the written or oral exam. |
| <strong>How to register for the exam:</strong> | By Neptun. |
| <strong>Opportunities to retake the exam:</strong> | According to the examination rules of Semmelweis University. |
| <strong>Additional readings:</strong> | Powerpoint slides used for the lectures. The power point slides of the lectures can be found at: <a href="http://semmelweis.hu/magtud/en/education/faculty-of-dentistry">http://semmelweis.hu/magtud/en/education/faculty-of-dentistry</a> |
| <strong>Signature of the tutor:</strong> | |
| <strong>Signature(s) of the head(s) of the Institute(s):</strong> | |
| <strong>Date:</strong> | 17th of September 2019 |</p>
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<th>Credit Transfer Committee’s opinion:</th>
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<td>Comment of the Dean’s Office:</td>
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1. Dékáni Hivatal tölti ki, jóváhagyást követően.
2. Az elméleti és gyakorlati oktatást órákra (hetekre) lebontva, sorszámozva külön-külön kell megadni, az előadók és a gyakorlati oktatók nevének feltüntetésével. Mellékletben nem csatolható!
3. Pl. terepgyakorlat, körlakelemzés, felmérés készítése stb.
4. Pl. házi feladat, beszámoló, zárbelési stb. témaköre és időpontja, pótlásuk és javításuk lehetősége.
5. Elméleti vizsga esetén kérjük a tételek megadását, gyakorlati vizsga esetén a vizsgázatát témakörét és módját.