Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Magatartástudományi Intézet

Name of subject in Hungarian: Fogorvosi etika
Name of subject in English: Dental Ethics
Name of subject in German: Zahnartzliche Ethik

Credit value of the course: 1
Semester: 7th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	2.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	28.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVMAG259_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Kovács József
Course coordinator location of work, telephone availability: Institute of Behavioral Sciences
József Kovács: +36-20-44-12-280
Course coordinator position: Professor emeritus
Course coordinator Date and number of habilitation: 2006.V.26.; 231

Objectives of the course, and its place in the curriculum of the medical training program:

The course is designed to give a broad overview of the field of bioethics-dental ethics, including concepts, theory, and research.

Format of the course (lectures, group work, practical lessons, etc.):

lecture

Competencies acquired through completion of course:

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 resolve ethical dilemmas in an efficent way
c.) To introduce students to a body of knowledge, which helps them understand, respect and protect the rights of patienst 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

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Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Pathology, Oral Pathology

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

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The number of students required to start the course (minimum, maximum), method of selecting participants:

Every student is accepted

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

2. week. (Lecture)

Informed Consent (Agnes Dosa)

3. week. (Lecture)
Ethical questions of human research (Agnes Dosa)

4. week. (Lecture)
Competence and Capacity to Make Health Care Decisions
Information Disclosure to Terminally ill Patients. Telling the Truth to Patients (Ágnes Dósa)

5. week. (Lecture)
Information Disclosure to Terminally ill Patients. Telling the Truth to Patients (Ágnes Dósa)

6. week (Lecture)
Reproductive Issues (Ágnes Dósa)

7. week.
End of Life Issues (Laszlo Nemes)

8. week.
Malpractice (Ágnes Dósa)

9. week. (Lecture)
Confidentiality and Medical Records. Reportable Illnesses, HIV-Related Issues, Sexually Transmitted Diseases (STDs) (Ágnes Dósa)

10. week (Lecture)
Organ and Tissue Transplantation (Agnes Dosa)

11. week.
Doctor-Patient, Doctor-Doctor Relationship (Laszlo Nemes)

12. week (Lecture).
Doctor and Society (Laszlo Nemes)

13. week (Lecture).
The Rights of Patients (Ágnes Dósa)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

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.

Assessment methods during semester (number, topics, and dates of midterms and reports,

method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

None

Number and type of individual assignments to be completed, submission deadlines:

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Requirements for the successful completion of the course:

Participation on at least 75% of the lectures is a prerequisite for getting the signature needed to absolve the course.

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Theoretical exam based on the topics of the lectures and the textbook.

List of questions
1. The principles of medical ethics
2. Competence and the capacity to make decisions
3. Paternalism in medical practice
4. Informed consent
5. Information disclosure for terminally ill patients
6. Withholding and withdrawal of medical treatment
7. Advance Directives
8. Do not resuscitate (DNR) orders
9. Withholding Fluids and Nutrition in terminally ill patients
10. Physician assisted suicide
11. Active and Passive Euthanasia
12. Terminal sedation and the law of double effect
13. Futile medical care
14. Determination of death and brain death
15. Ethical probems of live organ donation
16. Organd donation from brain-dead donors: the system of donor cards.
17. Organd donation form brain-dead donors: presumed consent
18. Reproductive issues (abortion, contraception, sterilization, donation of sperm and eggs)
19. HIV related issues (confidentiality, partner notification, HIV-positive health-care workers,
20. refusal to treat HIV-positive patients) and sexually transmitted diseases (STDs)

21. Malpractice
22. Doctor-patient relationship (beginning and ending the relationship, gifts from patients, doctor/patient sexual contact)
23. Doctor and society (child abuse, elder abuse, impaired drivers, physician participation in executions, torture, spousal abuse, gunshot wounds, gifts and industry funding)
24. Doctor-doctor relationship (reporting impaired phyisicians, physician disagreements)
25. Confidentiality and medical records
26. Ethical Questions of Human Research

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Test results:

20 points and below= failure (1)
21-25 points= passing (2)
26-30 points= mediocre (3)
31-35 points= good (4)
36-40 points= excellent (5)

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The sole source of grading is the achievement reached on the written exam.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of arteficial intelligence on the exams is not permitted.

Printed resources:

Type	Recommended
Author	Conrad Fischer, Caterina Oneto
Title	Medical Ethics for the Boards (3th edition)
Publisher	New York: McGraw-Hill Education
Year of publication	2016

Other/Comment	ISBN: 978-1-259-64121-3 - MHID 1-25-964121-X

Other resources:

Required	pdf.igen
Other/Comment	Powerpoint slides used for the lectures. The power point slides of the lectures can be found on the Moodle site of the course

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Szaknyelvi Intézet

Name of subject in Hungarian: Fogorvosi terminológia
Name of subject in English: Dental Medical Terminology
Name of subject in German: Zahnmedizinische Terminologie

Credit value of the course: 1
Semester: 2nd semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	0.0	2.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	0.0	28.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVNYE397_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Fogarasi Katalin (igazgató)
Course coordinator location of work, telephone availability: Institute of Languages for Specific Purposes,1092 Bp., Üllői út 25 + 36-20-670-1330
Course coordinator position: Director, habilitated associate professor
Course coordinator Date and number of habilitation: 02.06.2023 11/2023/habil.

Objectives of the course, and its place in the curriculum of the medical training program:

The aim of this course is to help students improve their knowledge of medical terminology studied the 1st semester. they will have a comprehensive view of the entire anatomical nomenclature, use terms intentionally, know the characteristics of the language of different fields of medical and dental studies while making diagnoses concerning any body system.

Objectives and main content

- features of effective communication between medical/dental professionals and between medical professionals and patients, intentional use of medical terms
- characteristics and use of the entire anatomical nomenclature
- correct use of anatomical and clinical phrases of various body systems
- understanding complex clinical and dental diagnoses, procedure names from authentic medical records and their correct use
- linguistic characteristics of pathological diagnoses
- features of pharmacological terms
- prescribing complex formulas
- Greek-Latin word parts in medical terminology and their Hungarian meaning

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Format of the course (lectures, group work, practical lessons, etc.):

practical

Competencies acquired through completion of course:

After completing this course, students will

- know the definition and various levels of medical language, terminology and nomenclature

- know the language demand of medical and dental genres

- know the sources of nomenclature of the special fields of medical studies

- know the Hungarian meaning and Latin and Greek linguistic structure of the medical vocabulary

- know how to compose perfectly clear terms of high level

- be able to understand medical and dental language

- be able to understand and use anatomical names

- be able to make grammatically correct diagnoses in Latin

- be able to prescribe magistral formulas and packaged products

- express themselves in academic environment with ease - traditonally by using Greek and Latin terms grammatically correctly

- express themselves among patients understandably - by explaining the meaning of Greek and Latin terms

- make effective contribution to the forming of medical language

According to the demand of each group and the updates in the university curriculum, minor changes can be made in the schedule which do not affect the definite topics of the course.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Medical Terminology FOKVNYE396_1A

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Min. 7 students

Max. 25 students

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Detailed course content2:

Week 1:

Skills: Distinguishing word elements in medical terms
Vocabulary: musculoskeletal system, skull, its diseases
Linguistic phenomena: word analysis, nouns and adjectives in Latin diagnoses (nominative and genitive, singular and plural)

Week 2:

Skills: The use of anatomical and clinical word stems, pre-and suffixes
Vocabulary: circulatory system, its diseases
Linguistic phenomena: word analysis, nouns and adjectives in Latin diagnoses (nominative and genitive, singular and plural)

Week 3:

Skills: describing symptoms and locations in dental and clinical diagnoses
Vocabulary: gastrointestinal tract, composition, symptoms, diseases
Linguistic phenomena: prepositional phrases in diagnostics, accusative

Week 4:

Skills: ICD-10 in use, understanding terms related to caries
Vocabulary: Respiratory system, composition, significance, symptoms and diseases
Linguistic phenomena: Prepositional phrases in diagnostics, accusative

Week 5:

- Revision

Week 6:

- 1. midterm

Week 7:

Skills: use of phrases referring consequencies; parts of the oral cavity
Vocabulary: urinary passages, pelvis, ureter, and bladder
Linguistic phenomena: positional phrases in diagnostics, ablative

Week 8:

Skills: use of terms related to gingival, tongue and periodontal diseases, terms pertaining to sensory organs
Vocabulary: anatomical and clinical terms of sensory organs in medical documentation, parodontological terms, terminology of maculopapular rash
Linguistic phenomena: analysis of metaphorical terms describing sensory organs

Week 9:

Skills: Distinguishing pharmaceutical products, understanding terms of drugs types
Vocabulary: terms of drug types and effects
Linguistic phenomena: packaging materials used in pharmacology

Week 10:

Skills: Understanding medical prescriptions, factory products
Vocabulary: prescriptions, pharmaceutical products
Linguistic phenomena: Using Genitive and Accusative in prescriptions; numerals

Week 11:

Skills: Understanding medical prescriptions, factory products
Vocabulary: prescriptions, pharmaceutical products
Linguistic phenomena: Using Genitive and Accusative in prescriptions; numerals

Week 12:

Skills: understanding plural forms in clinical diagnostics
Vocabulary: joints and muscles of lower extremity
Linguistic phenomena: complex phenomena of anatomical phrases and trauma diagnoses

Week 13:

- Revision of the semester’s material

Week 14:

- 2. midterm

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

A maximum of 3 absences is allowed (3×90 minutes); making up the material of the missed classes is possible via assignments or taking the class in a parallel group covering the missed material (maximum twice a semester). A delay of more than 30 minutes is considered an absence.

According to the Study and Examination Regulations (Article 29), the instructor may refuse to sign or provide a term grade, if the student exceeds their absence over 25% of all of the practical sessions. For more than the allowed number of absences, a medical certificate of long-term illness or hospitalization is required. According to the Study and Examination Regulations (Article 28), three late arrivals count as one absence. Arriving 15 minutes later than the start of the lesson is considered late arrival.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Midterm (week 6 and 14) and 10 Moodle quizzes as homework.

Topic: Based on the curriculum

Making up for missed tests and retake (max. twice a semester) must be scheduled with the course instructor.

Number and type of individual assignments to be completed, submission deadlines:

10 moodle homeworks. The use of artificial intelligence is not allowed.

Requirements for the successful completion of the course:

Attendance of lessons and 1. written midterm is obligatory. Students are allowed to have three absences per semester. Student who miss more than 25% of the practical classes cannot receive a signature (Study and Examination Regulations Article 29.2a).

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Based on the curriculum given above.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

The practical exam to be taken during the examination period must be completed with a minimum score of 50%. Knowledge of the following topics is required for at least a passing grade: qualitative and possessive adjectival constructions in anatomical nomenclature (singular and plural); qualitative, possessive, and prepositional constructions in clinical terminology; interpretation of terms of Greek origin; and prescriptions of factory preparations.

90–100% = 5 (excellent)

76–89% = 4 (good)

61–75% = 3 (fair)

50–60% = 2 (pass)

0–49% = 1 (fail)

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The method of assessment is a practical exam. This includes the following sections with the following weighting. The minimum pass mark for the practical examination to be taken during the examination period is 50%.

- practical exam (in the examination period) 60%
- 1. midterm test 30%

- assignments (during the semester) 10%
- grading method

90–100% = 5 (excellent)

76–89% = 4 (good)

61–75% = 3 (fair)

50–60% = 2 (pass)

0–49% = 1 (fail)

The minimum pass mark for the practical examination to be taken during the examination period is 50%.

practical exam (in the examination period) 60%

1. midterm test 30%

assignments (during the semester) 10%

Students who, together with the second midterm exam, achieve at least 75% may receive an offered grade.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of artificial intelligence is not permitted in this course, as we focus on studying vocabularies and linguistic phenomena, on the basis of authentic anatomical literature and clinical documents; we do not employ AI in class, primarily for patient safety reasons.

Printed resources:

Type	Mandatory
Author	Barta, Andrea – Varga, Éva Katalin – Zimonyi, Ákos
Title	Medical and dental terminology for dental students with special regard to medical Latin used in Hungary
Publisher	
Year of publication	
Other/Comment	It can be downloaded from Moodle.

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Magatartástudományi Intézet

Name of subject in Hungarian: Fogorvosi pszichológia
Name of subject in English: Dental Psychology
Name of subject in German: Zahnmedizinische Psychologie

Credit value of the course: 1
Semester: 2nd semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	2.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	28.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVAAG233_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Purebl György (intézet igazgató)
Course coordinator location of work, telephone availability: Institute of Behaviour Science (+36 210-2953)
Course coordinator position: director
Course coordinator Date and number of habilitation: 2019.06.08., 05/2019

Objectives of the course, and its place in the curriculum of the medical training program:

The aim of the course is for students to learn about human personality, behavior, emotion and motivation. Introducing the basic principles of human behavior from a practical point of view, Students learn about the most significant psychological phenomena in dentistry: pain, anxiety and stress, and its basic laws. They gain insight into the functioning of psychosomatics and basic psychotherapeutic

interventions. The course emphasizes the role of mental health among professionals.

Format of the course (lectures, group work, practical lessons, etc.):

lecture

Competencies acquired through completion of course:

The course helps dental students to better understand the mental states of patients and to better handle difficult interpersonal situations (e.g. with patients of different ages, difficult or suggestive communication, etc.). The course introduces low intensity psychological interventions for a personalized and holistic care.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Course has no prerequisites.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

None

The number of students required to start the course (minimum, maximum), method of selecting participants:

None

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. Psychological thinking, models, and relevant theories.
2. Principles of perception, pain, consciousness, emotions - and their relations to dentistry.
3. Communication with patients of different ages. Breaking bad news and disclosing medical errors.
4. Conscious states, wakefulness, sleep, bruxism.
5. Psychosomatics in dental practice.
6. Depression, anxiety disorders in dental practice
7. Stress and stress management in dental practice.

8. Psychotherapeutic methods.
9. Personality development, and child psychology
10. Personality disorders and conflict management.
11. Dental consequences of eating disorders.
12. Substance misuse, substance abuse, drug addiction
13. Hypnosis and relaxation therapies, and their possible use in dental practice
14. Mental health of medical practitioners

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):
FOKVMAG259_1A, FOKVMAG382_1A

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance at the lectures is not mandatory.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

There is no mid-semester assessment

Number and type of individual assignments to be completed, submission deadlines:

-Compulsory assignment: mid-term test exam (worth 50%).

-Completion of optional assignments from the following (worth up to 50%):

1. attendance of lectures. Deadline: week 13.
2. Completion of Moodle assignments in order to acquire knowledge related to the objectives and competency frameworks of dental education. Deadline: week 13.

85% of the maximum score is required to obtain a signature

Requirements for the successful completion of the course:

1. achieving a minimum score of 50% on the mid-term test exam.
2. Reaching 85% of the assessment points (mid-term test and assignments)

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Written exam at the end of the term

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

- identify the fundamental psychological processes;
- recognize the principal symptoms of mental disorders;
- recognize the symptoms of dental anxiety and perform basic anxiety-reducing interventions;
- apply communication methods that facilitate the dental treatment of different patient groups;
- communicate appropriately and provide age-appropriate information and guidance;
- demonstrate knowledge of psychotherapeutic interventions applicable in dental practice;
- identify stressors related both to dental treatment and to the dental profession, and manage these appropriately.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Written mid-term test in week 8 from the lectures. Replacement or correction next week.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

Artificial intelligence (AI) systems may be used solely to support learning and the acquisition of knowledge. Their use should complement, but not replace, students' independent work and critical thinking.
AI tools may assist students in organising information, personalising learning materials, and accessing or processing scientific literature more efficiently. However, the use of AI does not exempt students from their individual responsibilities related to studying, literature review, and preparation of assignments.

While AI tools may support the search for relevant scientific sources, the interpretation, critical evaluation, and synthesis of the information remain the responsibility of the student.
The use of AI systems during examinations or formal assessments is strictly prohibited, unless the task explicitly requires the knowledge or application of AI tools.

Printed resources:

Type	Recommended
Author	Danny Wedding
Title	Behavior & Medicine 4th Edition
Publisher	Hogrefe&Huber Publishers, Seattle
Year of publication	2006

Type	Recommended
Author	Fadem B.
Title	Behavioral Science
Publisher	Lippincott Williams&Wilkins, 5th ed.,
Year of publication	2008

Type	Recommended
Author	Sarafino E.P.
Title	Health Psychology. Biopsychosocial interactions 6th ed.
Publisher	New York, Wiley
Year of publication	2008

Type	Recommended
Author	Kopp M. - Skrabski Á.
Title	Behavioral Sciences Applied in a Changing Society
Publisher	Corvina
Year of publication	1996

Type	Mandatory
Author	Mostofsky DI, Forgione AG, Giddon DB (eds.)
Title	Behavioral dentistry
Publisher	Blackwell Munksgaard
Year of publication	2006

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Bőr-, Nemikórtani és Bőronkológiai Klinika

Name of subject in Hungarian: Dermatology
Name of subject in English: Dermatology
Name of subject in German: Dermatology

Credit value of the course: 1
Semester: 10th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
18.0	6.0	12.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVBOR436_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Hidvégi Bernadett Éva (egyetemi docens)
Course coordinator location of work, telephone availability: Department of Dermatology, Venereology and Dermatooncology
Course coordinator position: Deputy Director, Associate Professor, habil
Course coordinator Date and number of habilitation: 2025, 7/2025

Objectives of the course, and its place in the curriculum of the medical training program:

Knowledge of common and severe dermatological conditions, with particular focus on dermatological diseases manifesting with oral symptoms: clinical features, diagnostics, treatment, and differential diagnosis.

Format of the course (lectures, group work, practical lessons, etc.):

Lecture and Practice

Competencies acquired through completion of course:

Clinical diagnosis of common skin diseases and oral manifestations of dermatological disorders

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Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Internal Medicine II., Pharmacology II.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

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The number of students required to start the course (minimum, maximum), method of selecting participants:

The course will run regardless of enrollment numbers.

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Introduction to Dermatology.. Elementary lesions. Autoimmune bullous diseases Autoimmune diseases (LE, dermatomyositis, scleroderma)	Dr. Bernadett Hidvégi (Deputy: Dr. M. Medvecz)
Psoriasis. Allergic skin diseases, urticaria, drug allergy. Dermatitis, eczema, implication for dentist	Dr. Péter Holló (Deputy: Dr. J. Szakonyi)
Skin tumors. Malignant melanoma, basal cell carcinoma, squamous cell carcinoma	Dr. Veronika Tóth (Deputy: Dr. J. Szakonyi)
Cutaneous and oral manifestations of internal diseases	Dr. József Szakonyi (Deputy Dr. P. Holló)

Sexually transmitted diseases (syphilis, gonorrhoea, NGU). AIDS, HPV, herpes virus infections	Dr. Béla Tóth (Deputy:Dr.B.Hidvégi)
Atopic dermatitis, Seborrhoeic dermatitis, acne. Bacterial infections in dermatology	Dr. Márta Medvecz

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Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):
FOKOODT244_1A, FOKOODT244_2A

Requirements for attendance, options for making up missed sessions, and method of absence justification:

75% attendance of the practices is required.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Interactive lectures

Number and type of individual assignments to be completed, submission deadlines:

Not relevant

Requirements for the successful completion of the course:

Attendance at practical sessions is mandatory; however, an absence of up to 25% is permitted.

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

I.

1. Elementary phenomena on the skin

2. Structure of the epidermis and dermis. Barrier and adaptive functions of the skin.
3. Principles of dermatological topical treatment. Indications and side effects of cortocisteroid treatment
4. Urticaria, Quincke’s oedema
5. Atopic dermatitis.
6. Definition and classification of eczema, principles of its treatment. Dyshidrosis.
7. Clinical manifestations of drug-induced exanthema. Stevens-Johnson syndrome. TEN (Lyell syndrome).
8. Clinical forms of basalioma
9. Clinical forms of spinalioma
10. Stained moles, melanoma malignum
11. Praecanceroses. In situ carcinomas. Paraneoplasias.
12. Cutaneous T-cell lymphomas. M. Kaposi
13. Clinical forms and treatment of psoriasis
14. Lichen ruber planus. Pityriasis rosea
15. Sebum production disorders, acne disease, rosacea
16. Cutaneous manifestations of lupus erythematosus (DLE, SLE), investigation plan
17. Scleroderma (Morphea, PSS)
18. Dermatomyositis
19. Skin manifestations of diabetes. Skin manifestations of liver disease. Causes and treatment of pruritus
20. Dermatitis herpetiformis Duhring, pemphigoid, pemphigus clinic and their treatment
21. Clinical features, differential diagnosis and treatment of venous leg ulcers
22. Alopecia
23. Erythema exsudativum multiforme. Erythema nodosum.
24. Vasculitis allergica

II.

1. Definition of STDs/STIs, causative agents of sexually transmitted infections
2. Sexually transmitted infections causing infertility, perinatal complications
3. Symptoms of syphilis stage I, development of infection
4. Symptoms of syphilis stage II
5. Skin symptoms and visceral lesions of late syphilis
6. Laboratory diagnosis of syphilis
7. Treatment of syphilis (in different stages, in pregnant women and in case of penicillin allergy)
8. Gonorrhoeal infection in men, complications of infection
9. Gonorrhoeal infection in women, complicated forms of infection
10. Laboratory diagnosis and treatment of gonorrhoea
11. Clinical manifestations and treatment of Chlamydia trachomatis infections
12. Diseases caused by herpes virus. Clinical presentation and treatment of progenital herpes.
13. Clinical presentation and treatment of human papilloma virus infections
14. Clinic and clinical presentation of Trichomonas vaginalis. Bacterial vaginosis.
15. Vulvovaginitis candidomycetica, balanitis candidosa. Angulus infectiosus oris, candidosis oris
16. HIV infection, AIDS
17. Clinical picture and treatment of impetigo contagiosa, folliculitis, furunculus, carbunculus
18. Clinical picture, differential diagnosis and treatment of erysipelas

19. Lyme disease
20. Pityriasis versicolor. Microsporia.
21. Mycosis superficialis capitis, corporis. Mycosis pedis.
22. Intertrigo mycotica. Erythrasma. Hydradenitis suppurativa.
23. Onychomycosis. Paronychia chronica.
24. Recognition and treatment of scabies. Pediculoses

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Assessment is based on the theoretical and practical performance demonstrated throughout the semester. The minimum requirements include a confident knowledge of the core concepts defined in the course syllabus and the proficient execution of skills during clinical practices. The detailed, current semester requirements and the list of exam topics are available on the Department's/Clinic's website under the 'Education' menu.

https://semmelweis.hu/borklinika/en/for-students/faculty-of-dentistry/lectures/

https://semmelweis.hu/borklinika/en/for-students/faculty-of-dentistry/requirements-fok/

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Theoretical exam

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of AI tools is not permitted during the assessment

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Patológiai, Igazságügyi és Biztosítási Orvostani Intézet

Name of subject in Hungarian: Forensic Dentistry
Name of subject in English: Forensic Dentistry
Name of subject in German: Forensic Dentistry

Credit value of the course: 1
Semester: 9th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.0	1.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
14.0	14.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVIGS088_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Kiss András (igazgató)
Course coordinator location of work, telephone availability: Semmelweis University, Department of Pathology, Forensic and Insurance Medicine, 215-7300 / 53516
Course coordinator position: Director, university professor
Course coordinator Date and number of habilitation: 2007.05.30., 248/2007

Objectives of the course, and its place in the curriculum of the medical training program:

Course objectives and role within the Dental Curriculum:
The goal of this subject is to deliver basic legal knowledge for dentistry students, providing waypoints for them during their future practice as dentists. This includes the different areas of liability of the dentist and conveying knowledge that serves as base for an overview of labor law, civil law, and criminal law.
We find it essential for our students to be aware of the obligations and rights of a dentist declared in the Law of Healthcare by the end of the semester. It is also important to give insight on the place forensic medicine; more precisely forensic dentistry holds its weight and roles in jurisdiction.
We put additional emphasis on delivering the knowledge that will be required from our students after finishing their studies and – even though they are not closely related to dentistry – will be part of their duties as a doctor (reanimation, pronouncing the fact of death, etc.).
Additionally, we present civil law cases and reports of our Department's data, hoping to help our students avoid similar cases, mostly related to high value prosthetic dentistry, while working on their field. Our educational material includes the areas that are not included in studies of pathology, due to their nature (ie.: combustion, electricity induced injuries).
To sum it up, this subject is aiming to provide help in determining the dentist's place in society and informs about those expectations of the society that go beyond the treatment of patients.

Format of the course (lectures, group work, practical lessons, etc.):

Method of instruction: Lectures

Education room determined by the Dean's Office of Faculty of Dentistry.

Competencies acquired through completion of course:

Obtaining general legal knowledge:

criminal law, civil law cases, Law of Healthcare, rights and responsibilities of dentists

(reanimation, pronouncing the state of death)

Inspection and evaluation of injuries of the facial and neck area. Documentation, medical evidence.

Basics of identification.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Internal Medicine II., Pharmacology II., Pathology

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

Pathology, Pharmacology, Internal medicine has to be completed.

The number of students required to start the course (minimum, maximum), method of selecting participants:

Maximum headcount: 10 people/course

Minimum headcount: 100 people/course

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. Human identification (general)
2. The role of dentists in Disaster Victim Identification
3. Legal responsibility
4. Medical documentation
5. DVI operations in Hungary
6. How not to get sued by patients
7. The role of dentists in CSI - Bitemark analysis
8. National holiday
9. The role of dentists in detection and reporting child abuse
10. Sudden Death
11. DNA
12. Injuries in general. Documentation of injuries
13. Suffocation and anoxia
14. Dental age estimation

Lectures will be presenting the topics of forensic medicine, that are part of the activities practiced as a dentist and discussing matters of forensic medicine concerning specifically the area of dentistry. The order of lectures may vary.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):
AOKSGO891_1A, FOKOSZB311_1A, FOKOSZB311_2A, AOKSZB976_1A

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Regulation of attendances is based on the instructions of the Study and Exam Committee (TVSZ).

The number of absences during one semester can be maximum 3 classes. In case of missing more than 3 classes, re-take classes are compulsory, that can be completed during regular education hours of Hungarian, English, or German classes, exclusively during education weeks, during the semester.

In case of missing more than 3 classes, the instructor present at the retake-class will sign a certificate for the student. This certificate is required to contain the name and NEPTUN code of the student, the date of re-take, and the legible name and signature of the instructor.

Confirmation of re-take classes must be presented to the Education manager latest until the first workday of the last week of the semester. Presenting this certificate is the duty of the student!

Signature at the end of the semester may be withdrawn if the absences of the student exceed 3, and re-take classes have not been verified.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

There are no mid-term tests.

Number and type of individual assignments to be completed, submission deadlines:

There are no required individual assignments to be completed.

Requirements for the successful completion of the course:

Conditions of acquiring the signature at the end of the semester are included under the entry ‘Attendance requirements and make-up policy’.

Type of assessment:

terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

During the practice-oriented oral exam, students are assessed on the content covered in the lectures as well as on selected chapters of the compulsory course material. In the theoretical oral exam, students demonstrate their knowledge based on two assigned topics. The list of topics can be found on the Moodle for the subject.

- Injuries in general; documentation of injuries.
- Bite-mark classifications.
- Legal responsibility.
- Forensic aspects of traffic accidents, especially those concerning facial injuries.
- Classification of asphyxia; signs of asphyxia.
- The nature of biting (why do people bite? who are the main suspects in domestic violence?).
- Bite-mark analysis: methods and challenges.
- Mechanical, physical, and chemical injuries.
- Closed vs. open populations in bite-mark analysis.
- Bite-mark photography: methods and instruments.
- Types of child abuse.
- General indicators of child abuse and psychological behavior in the dental office.
- Behavior of an abusive caretaker in the dental office.
- The dentist’s role when confronted with a patient suffering from child abuse.
- Antemortem vs. postmortem records.
- The difference between primary and secondary identifiers.
- Disaster Victim Identification (DVI): steps, types, and challenges.
- Structure of the dental team in a DVI operation.
- Dental identification in mass disasters.
- Dental identification during the tsunami disaster vs. during a ship accident.
- Human identification (general).
- Types of mass disasters.
- Closure in mass disasters.
- Reasons dentists are sued by patients.
- Dental malpractice.
- Steps for receiving a new patient in a dental office (administration, treatment planning).
- The dentist’s golden rule.
- Serial killers.
- Age estimation (types, importance).
- Forensic DNA analysis.
- Determining the cause of death; medico-legal investigation of death.
- Effects of temperature on the body (combustion, freezing, hypothermia).

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum

requirements of the course.

During the oral exam the students a required to **speak for at least 3 minutes on each of the two randomly assigned topics**. During the exam, they are expected to speak unprompted, without the examiner having to ask leading questions. They are expected to demonstrate informed use of the terms below, without making major errors on general medical knowledge.

Terms and information that students have to be familiar with:

- Death and related terminology, biological and clinical death
- Definite signs of death
- When is resuscitation not necessary
- Manner of death: natural vs. non-natural (violent) death
- Vital signs in forensic medicine - especially the importance of haematomas
- Terminology and mechanism of injury
    - cuts, slashes and stab wounds= sharp force trauma
    - abrasions, haematomes and lacerations = blunt force trauma
    - shot wounds, bites = combined forces
- Understanding the meaning of DVI (siaster victim identification) and the role that dentistry plays in it.

Students who fail to use the above terms correctly, or who demonstrate a general lack of knowledge in these areas, may fail the exam.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Grading at the end of the semester is based on an oral theory-oriented exam, with a 5-grade-system.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The application of AI is based on the instructions of the Study and Exam Committee (TVSZ).

During the exam or while preparing for the exam, use of AI is not permitted.

List of coursebooks, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids; possibility of individual or group student consultation, if available:
Online resources:

Type	Recommended
Title	Forensic Medicine for Medical Students
Link	www.forensicmed.co.uk

Type	Mandatory
Title	Moodle course of the subject
Link	to be determined - access through website

Printed resources:

Type	Recommended
Author	Semmelweis Publisher
Title	Lectrue notes of forensic medicine
Publisher	
Year of publication	

Type	Recommended
Author	Jason Payne-James, Richard Jones, Steven Karch, John Manlove
Title	Simpson's Forensic Medicine
Publisher	Hodder Arnold Publishing
Year of publication	

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Megelőző Orvostani és Népegészségtani Intézet

Name of subject in Hungarian: Orvos- és Semmelweis Egyetem történet
Name of subject in English: History of Medicine and Semmelweis University
Name of subject in German: Geschichte der Medizin und Universitätslehre

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Credit value of the course: 2
Semester: 1st semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	2.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
English

Course code:
FOKVNEI381_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Fazekas-Pongor Vince Tamás (klinikai szakorvos)
Course coordinator location of work, telephone availability: pongor.vince@semmelweis.hu
Course coordinator position: Assistant Professor
Course coordinator Date and number of habilitation: –

Objectives of the course, and its place in the curriculum of the medical training program:

The history of medical science is considered as a part of the general history of civilization. The study of the history of medicine helps us to describe and understand how people in different times and cultures experienced and dealt with these fundamentals of human existence. This knowledge can inform and help us debate the present and the future of medicine and help us bring medicine and science to a wide audience.

Format of the course (lectures, group work, practical lessons, etc.):

Lecture

Competencies acquired through completion of course:

Knowledge of the history of medicine

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. Introduction. What is Medicine? Methods and sources of Medical History. The birth of paleomedicine (bones teeth, mummies).Prehistoric medicine. Far East. (Vince Fazekas-Pongor)
2. Far East Medicine. Chinese civilization, Japan, India. (Vince Fazekas-Pongor)
3. Medicine of ancient civilizations, rivers valley's culture: Mesopotamia, Egypt, and the medicine knowledge. Medicine - in the Bible time - Heritage of the empirical knowledge. Practitioners. Theories of diseases. (Vince Fazekas-Pongor)
4. Greco-Roman Medicine. Homeric medicine. Asclepius, Hippocrates. Corpus Hippocraticum- the concept and doctrine of his theories about the nature and diseases (the four humors). The Oath. Hygiene and health education. Post-Hippocratic schools – the golden heritage in the school of Alexandria. The roman physicians, diseases. Advance of public health. Water supply and sanitation, climate, soil and health, diseases, endemics. The workers' health, provision of medical care. (Celsus, Galenus) (Vince Fazekas-Pongor)
5. Medieval medicine. Byzantine Healers, Arabian Hakims, Monks, Crusaders and medieval „doctors." The Arabian medicine: chemistry, pharmacy, hospitals. Razes, Avicenna, Abulcasis. The medieval Monasteries (Monte Cassino). The growth of European cities, sanitary problems of urban life. The first religious medical school in Salerno. Medieval Universities, medical humanists, and Christian caritas. (Vince Fazekas-Pongor)
6. Medicine in the Renaissance. The Arts and the humanism. The new mentality of medicine:

Paracelsus. The revolution of anatomy: Vesalius and his contemporaries. The first step toward the specialization. Botany and mineralogy. The printing of book's role in medicine. Foundation of the administration of Public Health. Epidemic diseases: communicable and non-communicable diseases. Theories, therapies, and medical care, hospital. Quarantine. (Vince Fazekas-Pongor)

7. Experimenters, Teachers and Theoreticians in the Sixteenth and Seventeenth Centuries. Body as machine -old schools: iatrochemical, iatrophysical theories. New schools: animism, tonus, vitalism, stimulation, homeopathy. The circulation of the blood. Harvey's methodology Malpighi. Microscopy. Birth of modern clinical medicine: Sydenham. Boerhaave and his pupils. (Vince Fazekas-Pongor)
8. Industrialism in the Eighteenth Century. Clinical medicine- schools of clinical (French, English, German, and Habsburg). The first Vienna School: van Swieten. surgery (Hunter, Valsalva), pathology (Morgagni, Bichat). Public health and hygiene. Occupational health, prison reform, general health (death rate, statistics), Ramazzini, Frank. Smallpox. Infant mortality. Nursing, dispensaries and hospitals, development of obstetrics. Sanitary conditions – filthy towns. (Vince Fazekas-Pongor)
9. Clinical medicine in the second half of the nighteenth Century. Bacteriology a new science in medicine. Revolution, concepts and theories under the microscope. New discoveries Pasteur, Koch. (Vince Fazekas-Pongor)
10. Social revolution, industrialism, public health. National and international movements and health reforms, and medical care. Period of great epidemics. International health organization. The Red Cross. (Vince Fazekas-Pongor)
11. Development of surgery and gynaecology. The man-midwife (Smellie, Hunter), History of anaesthesia. General and local possibilities. Wells, Morton, Simpson, Jackson). Asepsis and antisepsis. Early efforts to develop aseptic techniques. Semmelweis, Lister. Progress in surgery, Billroth. Cholecystostomy, appendectomies. (Vince Fazekas-Pongor)
12. Emergence of specialism. Logical outgrowth of locality pathology, new instruments. Initially the medical professions: Paediatrics, Psychotherapy, Ophthalmology, Otology, Rhinology and Laryngologist, Dentistry, Neurology and Psychiatry, Dermatology and Venerology. (Vince Fazekas-Pongor)
13. From the black death to the AIDS. The history of epidemics. The theories and therapies. Tropical medicine. The development of epidemics, the bacteriology and immunology. The new medicaments. Ehrlich and the chemotherapy, sulphonamides, antibiotics. Virology. Salk and Sabin. New diseases and screenings methods.
14. Consultation (Vince Fazekas-Pongor)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance at lectures is not mandatory; therefore, make-up opportunities are not necessary.

Assessment methods during semester (number, topics, and dates of midterms and reports,

method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

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Number and type of individual assignments to be completed, submission deadlines:

–

Requirements for the successful completion of the course:

There are no special requirements for obtaining the signature.

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

1. What does the loss of ability to synthesize Vitamin C in humanoids suggest?

2. What effect did the appearance of settlements have on the population size?

3. What effect did the appearance of villages have on infectious diseases?

4. What effect did domestication have on zoonotic diseases (diseases spread from animals to humans)?

5. What factors kept the population of hunters and gatherers in check?

6. Which form of medicine is accepted by the WHO?

7. How come the superior medical knowledge in Egypt resulted in only a marginally better life expectancy than that of the Homo sapiens subspecies?

8. Who developed the theory of four humours?

9. Which statements are true for the theory of four humours?

10. Whose texts and theories were taught in medicine up until the 17th century?

11. After the fall of the Roman Empire, which culture helped preserve knowledge and re-introduce it to Europe?

12. What is a barber surgeon?

13. In the Middle Ages what was thought to be the cause of black death?

14. Who co-discovered the pathogen of black death?

15. Who is said to have depicted the uterus with a fetus inside of it correctly for the first time?

16. Who founded the forerunner of the Semmelweis University?

17. When was the medical faculty added to the forerunner of the Semmelweis University?

18. Who is referred to as the “father of immunology” and is said to have “saved more lives than the work of any other human”?

19. What were some of the most important obstacles for surgeons to overcome in the 19th century?

20. When did the use of anesthetics become widespread in surgery?

21. Who discovered Salvarsan 606, the first magic bullet, that was used to treat Syphilis and contained arsenic?

22. What is Karl Landsteiner known for?

23. Who discovered Prontosil (the second magic bullet), an antibacterial drug of the sulfonamide group?

24. Who was the first person to describe correctly how infections are spread?

25. Who is referred to as one of the fathers of the germ theory?

26. Who published the first paper mentioning the term “healthy carrier”?

27. Who was the first person to isolate cholera?

28. Approximately how many people lost their life because of the Spanish Flu?

29. When was the first major Ebola outbreak?

30. Who discovered the first penicillin strain later also used to develop antibiotics?

31. Who used penicillin to treat humans for the first time?

32. Who received a Nobel Prize for their discovery of penicillin?

33. How soon after the widespread use of antibiotics did resistance appear in microorganisms?

34. What are Koch’s four postulates?

35. What strain of tuberculosis is found in the Calmette-Guérin vaccine?

36. When was the intensified program for the eradication of Smallpox launched?

37. When was the last case of Smallpox (as part of the ongoing pandemic) cured?

38. Which infectious human disease was eradicated with the help of vaccines?

39. What was the result of the Polio eradication program?

40. When did the Pamphlet War between pro- and anti-vaccination groups begin?

41. When was the bark of the Cinchona tree (source of the anti-malaria agent Quinine) first sent to Europe?

42. When was the Malaria Control program launched?

43. What are the consequences of excessive and/or irresponsible use of anti-malaria agents?

44. What are the consequences of excessive and/or irresponsible use of insecticides?

45. Was the Aedes Aegypti mosquito ever endemic in Europe?

46. When was the Zika virus first isolated?

47. Why were the English sailors called ‘limeys’?

48. Why is Percival Pott important?

49. How was pneumonia treated up until the 19th century?

50. Why is John Snow most known for?

51. How is Ignaz Semmelweis frequently referred to as?

52. Ignaz Semmelweis recognized that by washing your hands which kind of disease can be prevented?

53. What are Hill’s criteria?

54. When was tobacco first introduced to Europeans?

55. When was smoking unequivocally linked to lung cancer?

56. Who were the pioneers in the researches linking smoking to lung cancer?

57. When did they realize that the Mediterranean and Japanese diet may have a positive influence on health?

58. What was the original goal of the Framingham Heart Study?

59. Why is the Framingham Risk Score relevant to this day?

60. Who was awarded a Nobel Prize for his work on the physiology and pathology of the vestibular apparatus?

61. Who was awarded a Nobel Prize for his discoveries in connection with the biological combustion processes, with special reference to vitamin C and the catalysis of fumaric acid?

62. Who was awarded a Nobel Prize for his discoveries of the physical mechanism of stimulation within the cochlea?

63. Who was the first woman to receive a Nobel Prize in medicine?

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Basic knoledge of the most important concepts that defined medicine throughout the centuries. Knowledge of the life and work of Ignaz Semmelweis and knowledge of the history of Semmelweis University.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

At least 6 out of 10 points are required to pass the written exam.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

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Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Szaknyelvi Intézet

Name of subject in Hungarian: Introduction to the Hungarian language
Name of subject in English: Introduction to the Hungarian language
Name of subject in German: Einführung in die ungarische Sprache

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Credit value of the course: 0
Semester: 1st semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
4.0	0.0	4.0	0.0

Semester hours	Lecture	Practice	Seminar
56.0	0.0	56.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKONYE399_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Fogarasi Katalin (igazgató)
Course coordinator location of work, telephone availability: Institute of Languages for Specific Purposes, City Corner, Budapest, Üllői út 25. +36206701330
Course coordinator position: director, habilitated associate professor
Course coordinator Date and number of habilitation: 2023. 11/2023/habil

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Objectives of the course, and its place in the curriculum of the medical training program:

The course prepares students for the most important everyday communication situations experienced in Hungary. Students will learn the basics of the Hungarian language necessary for everyday communication.

Format of the course (lectures, group work, practical lessons, etc.):

practical lesson, groupwork

Competencies acquired through completion of course:

Comprehension and speaking skills: Students can

· ask and answer simple questions, e.g., What do you do in Budapest? Where do you live? Which district do you live in? Do you speak English? Do you speak Hungarian? What do you read? Do you like reading? When do you study? etc.

· ask for coffee, tea, sandwich, mineral water

Reading skills: students can understand short texts using the vocabulary learned; in the case of texts that contain some unfamiliar words, infer the meaning.

Writing skills: students can write short texts (2-3 sentences) based on a question or a topic (place of living, likes and dislikes, weekend activities, etc.).

Course outcome (names and NEPTUN ID of related subjects):
FOKONYE398_1A

Prerequisites for course registration and completion: (NEPTUN ID):

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

Concurrent subject-registration is not allowed.

The number of students required to start the course (minimum, maximum), method of selecting participants:

Minimum number of students: 10

Maximum number of students: 20

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Instructors: Putz Mónika, Halász Hortenzia, Bor Gyöngyvér

Week 1. the alphabet, greetings, the verb 'lenni' ('to be') in the present tense;

a few adjectives: hungry, thirsty, tired, sad, happy…

Week 2. nationalities: Hungarian, English, German, Iranian, Canadian, Russian…;

occupations: e.g., dentistry student, student, dentist, doctor, teacher, assistant, dental technician;

using verbs (general introduction)

Week 3. using verbs in simple sentences (e.g., stand, sit, read, watch, ask, speak, cook, rest, walk, dance, like, know, study) + days and parts of the day

Week 4. verbs ending in –ik ('lakik' – 'live', 'dolgozik' – 'work', 'dohányzik' – 'smoke');

eat, drink + nouns with accusative ending

Week 5. 'I like reading', 'I can dance', I would like to be a dentist'

'tilos' …-ni (it is forbidden to…), 'szabad …-ni' (you are allowed to…) (eat, drink, smoke)

when? (months, seasons)

who with? (live, study)

Week 6. numbers: How much does it cost? How old are you? What is the time? What time is it?

What number (bus, tram); what size (rubber gloves); which (floor, district)

How (by metro, etc.)

Week 7. Revision, oral test

Week 8. adjectives (cold, hot, etc.)

sensitive to (cold, heat) (What are you sensitive to?)

practising verbs

Week 9. Where do you live? (details: district, street, floor, etc.)

Week 10. the three directions (to – in – from) in detail: a) library, school, restaurant, bank, café, shop, hospital, polyclinic, pharmacy b) university, square, clinic)

What is the apartment/surgery like?

Week 11. Practicing the three directions (with the help of drawings, situations)

Week 12. What do we do 'from morning till night'?

Week 13. Revision

Week 14. Oral test

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

A maximum of 7 absences is allowed; if the number of absences exceeds this, students may make up missed classes in another group (maximum two times) in agreement with the instructor. Students who miss more than 25% of the classes will not be allowed to get a signature. For more than the allowed number of absences, a medical certificate of long-term illness or hospitalization is required.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Two oral tests in weeks 7 and 14. The second oral test is marked by two instructors on separate mark sheets and an average is calculated.

Topic: the material covered (see the syllabus/ coursebook)

Make-up and upgrade opportunities: to be arranged outside of class with the instructor.

Number and type of individual assignments to be completed, submission deadlines:

Requirements for the successful completion of the course:

A maximum of seven absences is allowed; if the number of absences exceeds this, students may make up missed classes in another class (maximum two times) in agreement with the instructor. Students who miss more than 25% of the classes will not be allowed to get a signature; attendance in classes; attendance in both oral tests.

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Topics covered by the syllabus: self-introduction, nationality, profession, family, daily routines, talking about personal likes and dislikes, and providing details about one's background and environment.

Students will receive a grade and a percentage evaluation for both oral tests. If students achieve a minimum of 80% on both the first and second oral test, the instructor will offer them a grade. If the average of the two midterm results is between 80% and 90%, a grade of four will be offered; if it is above 90%, a grade of five will be offered. In this case, there is no need to take an exam during the exam period. Those whose performance is below the criteria will have to demonstrate their knowledge during the exam period at the times announced in Neptun, in front of a two-member committee.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

Minimum requirement during the practical exam in the examination period: completing the oral interview with a passing mark of at least 50%. This includes the ability to have a Hungarian conversation with the instructor related to the topics covered in the syllabus/coursebook. The conversation may involve introducing oneself, describing daily routines, discussing personal preferences, and providing basic information about one's background and environment. Students should be able to demonstrate understanding and correct usage of basic vocabulary, sentence structures, and verb forms learned throughout the course. Additionally, they should be able to respond appropriately to questions about their nationality, occupation, family, and daily activities, as well as describe their surroundings and plans using the relevant vocabulary and grammatical structures. Proficiency in these areas will ensure a successful performance in the oral interview and help achieve the minimum passing mark.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Assessment of test:

0-49% = fail (1)

50-59% = pass (2)

60-74% = fair (3)

75-89% = good (4)

90-100% = excellent (5)

Possibilities of and conditions for offered grades: If students achieve a minimum of 80% on both the first and second oral test, the instructor will offer them a grade. If the average of the two midterm results is between 80% and 90%, a grade of four will be offered; if it is above 90%, a grade of five will be offered. In this case, there is no need to take an exam during the exam period. Those whose performance is below the criteria will have to demonstrate their knowledge during the exam period at the times announced in Neptun, in front of a two-member committee.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of artificial intelligence is neither relevant nor permitted in this course, as we focus on improving communication skills and do not employ AI in class, primarily for patient safety reasons.

List of coursebooks, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids; possibility of individual or group student consultation, if available:
Online resources:

Type	Recommended
Title	Kurzusjegyzet fogorvostan-hallgatók részére
Link	itc.semmelweis.hu

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Digitális Egészségtudományi Intézet

Name of subject in Hungarian: Orvosi informatika
Name of subject in English: Medical Informatics
Name of subject in German: Medizinische Informatik

Credit value of the course: 2
Semester: 2nd semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	0.0	2.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	0.0	28.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVDEI316_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Szócska Miklós Károly (igazgató)
Course coordinator location of work, telephone availability: EKK-EMK, +36 1 488 7600/57600
Course coordinator position: university professor, PhD
Course coordinator Date and number of habilitation: 2019.01.29., 12/2019/habil.

Objectives of the course, and its place in the curriculum of the medical training program:

The goal of the course is to introduce the students to the applications of health information technology, especially the sources, organization, analysis and presentation of health information and knowledge. To improve the basic computer skills of students, including the use of office software tools, digital data storage and analysis methods. Acquisition and practical application of IT tools and methods required for later studies (e.g. preparation of a dissertation)

Format of the course (lectures, group work, practical lessons, etc.):

exercise

Competencies acquired through completion of course:

– Knowledge of basic MS Office tools

– Sources of health information and knowledge, online scientific databases and the basics of evidence-based medicine

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

-

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Min. 8 and max. 20 students per group

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. MS Excel – basics of data storage
2. MS Excel – processing of data part 1
3. MS Excel – processing of data part 2
4. MS Excel – data representation, diagrams
5. MS Excel – advanced level exercises
6. Practice, preparation for the test
7. 1. test (Excel exercises, computer test)

8. Theoretical basics of databases
9. Creation of a simple database with Ms Access
10. Data extraction from databases, performing queries
11. Online health information sources
12. Presentation tools
13. Visualization of medical data: Infographics, word clouds
14. 2. test (Access exercises and information searching, computer-based test)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance of at least 75% of the practices, at least 50% result of both tests. A maximum of three absences is allowed. There is no possibility to make up practical classes.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

written (computer test)

Number and type of individual assignments to be completed, submission deadlines:

there is none

Requirements for the successful completion of the course:

Attendance of at least 75% of the practices, at least 50% result of both tests

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Type of assessment:
term grade

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Mid-term test on week 7 (topic: Excel)

– Mid-term test on week 14 (topics: Access, online information sources)

– Replacement test: 2 times in the first week of the exam period

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Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

https://semmelweis.hu/dei/en/education/faculty-of-dentistry/

- **Integrity:** The unaltered and authentic state of data.
- **Confidentiality:** Secrecy; only authorized individuals may access it.
- **Anonymity:** The complete absence of individual identifiability.
- **Sovereignty:** The right to control data (where it is stored, who can access it).
- **Metadata:** Data about data (e.g. when a photo was taken, where you were).
- **Algorithm:** The mathematical set of rules according to which a machine makes decisions.
- **Parameter:** The internal "settings" of an AI model that are refined during training.
- **Prompt:** The input instruction provided by the user.
- **4T model:** The minimum requirements for writing prompts.
- **Inference:** The process in which a trained model generates an answer to a question.
- **Robustness:** Resistance to unusual or malicious inputs.
- **Bias:** Distortion or prejudice in decision-making.
- **Poisoning:** Data poisoning; the intentional misleading of a model during training.
- **Jailbreak:** The intentional bypassing of safety restrictions through instructions.
- **Hallucination:** The generation of seemingly real but fabricated information.
- **Compliance:** Adherence to regulations and laws (e.g. GDPR).
- **Transparency:** Clarity and explainability of how the machine operates.
- **Accountability:** Who is responsible if the AI makes a mistake?

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The practical grade is determined based on the results of the two mid-term tests.

The use of artificial intelligence is not allowed during the assessments.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of artificial intelligence is not allowed during the assessments.

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Magatartástudományi Intézet

Name of subject in Hungarian: Orvosi szociológia
Name of subject in English: Medical Sociology for dentistry
Name of subject in German: Medizinische Soziologie

Credit value of the course: 1
Semester: 2nd semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	1.0	1.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	12.0	16.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVMAG382_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Purebl György (intézet igazgató)
Course coordinator location of work, telephone availability: Institute of Behavioural Sciences +36-1-210-2953
Course coordinator position: university professor
Course coordinator Date and number of habilitation: 2019.06.08., száma: 05/2019

Objectives of the course, and its place in the curriculum of the medical training program:

The aim of this course is to help students realise that social factors have a considerable influence on oral/ dental health and dentistry. Social, economic and cultural factors have a great effect on the dentist-patient relationship, the way people make sense of their symptoms and seek dental help, their oral/ dental health related behaviour as well as on the aetiology of oral and dental conditions. By understanding how different societies are structured and organised and how the categories people belong to (gender, ethnicity, occupation, educational level, financial situation to name but a

few) shape all aspects of their lives and opportunities, our hope is that students will better comprehend the social reality influencing the dental health status of people and the practice of dentistry for dentists.

Format of the course (lectures, group work, practical lessons, etc.):

lecture and practical lesson

Competencies acquired through completion of course:

- Helping students acquire familiarity with the social environment which is necessary before meeting patients for the first time and all the way through the process of dental work.
- Enabling students to understand the social and cultural factors that influence the oral health and illness related decisions patients make.
- Sensitising students to the social determinants of health and illness behaviour through analysing cases.
- Assisting students in comprehending the social and cultural aspects of systems of dental health care provision
- Enhancing the students' ability to plan and carry out research and function in small teams as part of the research work undertaken as part of the course
- Critical evaluation and verification of content generated by generative AI
- Ethical and responsible use of AI tools

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

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In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

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The number of students required to start the course (minimum, maximum), method of selecting participants:

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Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered

separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. Introduction to sociology, basic concepts and principles. (Practice)
2. General health and oral health status through history (lecture Dr. Bence Döbrössy)
3. Social determinants of oral health and oral health related behaviour. (lecture Dr. Edmond Girase)
4. Intercultural dentistry (lecture Dr. Bence Döbrössy)
5. Patient expectations regarding dentistry: the theory and practice of dental patient satisfaction studies. (lecture Dr. Bence Döbrössy)
6. Norms, deviance and dentistry (Lecture Dr. Bence Döbrössy)
7. Oral health, society and Hungary (Lecture Dr. Edmond Girasek)
8. Social inequality and health inequality- gender, age, ethnicity (practice)
9. Healthcare system workshop (practice)
10. 21st century dentistry technological and socio-cultural changes, health related AI use (practice)
11. Dental help seeking behaviour, illness behaviour, Online health related information seeking (practice)
12. The profession of dentistry (practice)
13. Medicalisation in dentistry, cosmetic dentistry (practice)
14. Project reports (practice)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Assessed tasks done in the practicals. These tasks are graded and they are 40% of the final maximum grade

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Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Participation in the lectures is not mandatory.
Participation in the practicals is mandatory, and the practical leaders will fill out an attendance sheet at the beginning of each class. Throughout the semester, a maximum of 2 absences are allowed. As a replacement for missing one practical (two teaching hours) per semester, participating in another practical group is acceptable.

Number and type of individual assignments to be completed, submission deadlines:

40% of the final grade is given for short tasks to be done during the practicals. During the practicals, students work on topics in small teams. The topics and teams are specified by the teacher of the practical. In case of absences, the task can only be made up if the student has a certification

Requirements for the successful completion of the course:

75% practical attendance is required for getting a signature

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

The written exam will consist of true or false questions and an essay type case analysis where students are required to understand, explain and apply to the given case concepts and knowledge acquired in the course.
In order to undertake the exam successfully, students must know the material made available to them on the departmental home page as well as the textbook.
The material covered in the exam:
21st century dentistry technological and socio-cultural changes
Dental help seeking behaviour
Norms and deviance as related to dentistry
Intercultural aspects of dentistry
Medicalisation in dentistry, cosmetic dentistry
Patient expectations regarding dentistry
Social determinants of oral health and oral health related behaviour
Social inequalities and inequalities in dental health
Socio-cultural aspects of pain
Systems of dental health care provision
The profession of dentistry

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

Minimum requirements
To achieve a pass mark, students must be familiar with the following key terms and their meanings:

Social inequalities
2. Socio-economic status
3. Absolute poverty
4. Relative poverty
5. Social gradient
6. Social stratification
7. Social mobility
8. Regional inequalities
9. Material and cultural differences
10. Childhood living conditions
11. Hazards in the workplace
12. Discrimination
13. Prejudice
14. Stereotypes
15. Minority group
16. Ethnic group
17. Cultural pluralism
18. Health behaviour
19. Health-risk behaviour
20. Protective factors
Overall, the student should be able to:
· recognise social inequalities in health-related examples
· interpret simple case studies
· apply concepts to specific situations
· formulate basic sociological relationships.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The exam is a combined exam which consists of evaluating the mid-term academic performance (project work) and a written performance evaluation. The grade is determined based on the results of tasks completed during the semester. " A maximum of 40 points can be obtained for the project work and a maximum of 60 points for the written exam. Furthermore, it is a requirement to achieve at least 51% in the written exam-
The written exam will consist of true or false questions and an essay type case analysis where students are required to understand, explain and apply to the given case concepts and knowledge acquired in the course

Grades :
0-50 points – 1
51- 60 points -2
61-74 points -3
75-84 points -4

85 points and over 5

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The Issue of Artificial Intelligence is covered in the practical 10 (21st century dentistry technological and socio-cultural changes). In this practical students learn how patients use AI to gather health related information and will look at studies discussing how patients use AI generated health related information.
40% of the final grade is made up of in class assignments done in groups. For some assignments students may use the internet to find data but they may not use AI at all.
For other assignments the use of AI is allowed during the preparation for outlining, brainstorming, or language improvement, but the student is responsible for the final content and its interpretation.

Printed resources:

Type	Mandatory
Author	Graham Scrambler
Title	Sociology as Applied to Health and Medicine
Publisher	Palgrave Macmillan
Year of publication	2018

Other resources:

Required	pdf.nem
Other/Comment	All lecture notes and slides are made available on Moodle (https//itc.semmelweis.hu/moodle/)

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Szaknyelvi Intézet

Name of subject in Hungarian: Medical Terminology
Name of subject in English: Medical Terminology
Name of subject in German: Medical Terminology

Credit value of the course: 2
Semester: 1st semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
2.0	0.0	2.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	0.0	28.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVNYE396_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Fogarasi Katalin (igazgató)
Course coordinator location of work, telephone availability: Institute of Languages for Specific Purposes,1092 Bp., Üllői út 25 + 36-20-670-1330
Course coordinator position: Director, habilitated associate professor
Course coordinator Date and number of habilitation: 02.06.2023 11/2023/habil.

Objectives of the course, and its place in the curriculum of the medical training program:

The aim of this course is to help students understand English, Latin and Greek medical and dental medical terms used in Hungary and worldwide. The material implies anatomical and clinical vocabulary adjusted to the schedule of the anatomy course. Terms for diagnoses and procedures are demonstrated by authentic medical documents. In addition, students get acquainted with the basic linguistic phenomena required for diagnostic skills.

Objectives and main content

- basic terminology of effective communication between medical professionals and between medical professionals and patients, intentional use of medical terms;
- characteristics of anatomical nomenclature on the basis of the vocabulary of the current anatomical course schedule (musculoskeltal system, head and skull) and necessary grammar rules of anatomical terms;
- understanding and use of elementary clinical phrases, diagnoses, procedures;
- understanding and use of dental and oro-maxillofacial phrases and diagnoses.

Format of the course (lectures, group work, practical lessons, etc.):

Practiclas

Competencies acquired through completion of course:

After completing this course, students will

know the definition and various levels of medical and dental language, terminology and nomenclature

know the language demand of various fields of medical studies

know the linguistic structure of the medical vocabulary of Greek and Latin origin

know how to compose perfectly clear terms of high level

be able to understand medical and dental language

be able to understand and use anatomical names

be able to use elementary clinical diagnoses

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

-

The number of students required to start the course (minimum, maximum), method of selecting participants:

Min. 5 students

Max. 20 students

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Week 1:

Skills: Communication between medical professionals, distinguishing medical English and Latin-Greek medical terminology

Vocabulary: parts of the human body, anatomical planes and directions

Linguistic phenomena: pronunciation, alphabet, basic form and dictionary entry of medical nouns and adjectives

Week 2:

Skills: Part–whole theory in anatomical nomenclature

Vocabulary: general terms of skeletal system

Linguistic phenomena: possessive phrases in anatomy and in elemental diagnostics

Week 3:

Skills: Part–whole theory in diagnostics adjusted to anatomical studies

Vocabulary: bones of the upper and lower extremities

Linguistic phenomena: nouns and their adjectives in anatomy

Week 4:

Skills: Attribution in anatomical nomenclature and maxillofacial diagnoses

Vocabulary: bones and joints of skull, terms used in maxillofacial surgery

Linguistic phenomena: nouns and their adjectives

Week 5:

Skills: Attribution in dental and clinical diagnostics adjusted to anatomical studies

Vocabulary: oral and nasal cavity, related clinical terms

Linguistic phenomena: nouns and their adjectives in possessive phrases

Week 6:

Midterm

Skills: Understanding complex anatomical and diagnostical phrases

Vocabulary: tooth names, parts of teeth

Linguistic phenomena: nouns and their adjectives in possessive phrases of anatomy and elemental dental and clinical diagnostics

Week 7:

Skills: Distinguishing types of medical and dental medical documentation

Vocabulary: pectoral girdle

Linguistic phenomena: common endings of anatomical and clinical terms

Week 8:

Skills: Understanding plural forms in anatomy and in clinical documentation

Vocabulary: bones, joints and muscles of hand and elbow, Greek and Latin endings of clinical terms

etailed course content2:

Linguistic phenomena: plural phrases in anatomy

Week 9:

Skills: Describing symptoms and locations in dental and clinical diagnoses

Vocabulary: pelvic girdle

Linguistic phenomena: plural phrases of anatomy and dental diagnostics

Week 10:

Skills: Understanding plural forms in clinical diagnostics

Vocabulary: joints and muscles of lower extremity

Linguistic phenomena: complex phenomena of anatomical phrases and accident surgical diagnoses

Week 11:

Skills: Describing common facial and dental lesions

Vocabulary: muscles of neck and face

Linguistic phenomena: complex phenomena of diagnostic phrases

Week 12:

Revision of the semester’s material

Week 13:

Revision of the semester’s material

Week 14:

2. midterm

According to the demand of each group and the updates in the university curriculum, minor changes can be made in the schedule which do not affect the definite topics of the course.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

A maximum of 3 absences is allowed (3×90 minutes); making up the material of the missed classes is possible via assignments or taking the class in a parallel group covering the missed material (maximum twice a semester). According to the Study and Examination Regulations (Article 29), the instructor may refuse to sign or provide a term grade, if the student exceeds their absence over 25% of all of the practical sessions. For more than the allowed number of absences, a medical certificate of long-term illness or hospitalization is required. According to the Study and Examination Regulations (Article 28), three late arrivals count as one absence. Arriving 15 minutes later than the start of the lesson is considered late arrival.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

- The method of assessment is a practical exam. This includes the following sections with the following weighting. The minimum pass mark for the practical examination to be taken during the examination period is 50%.
- practical exam (in the examination period) 60%
- midterm test 30%
- Moodle quizzes (during the semester) 10%
- grading method

90–100% = 5 (excellent)

76–89% = 4 (good)

61–75% = 3 (fair)

50–60% = 2 (pass)

0–49% = 1 (fail)

Number and type of individual assignments to be completed, submission deadlines:

-

Requirements for the successful completion of the course:

- Attendance of lessons and written test is obligatory. Students are allowed to have three absences per semester.
- Student who miss more than 25% of the practical classes cannot receive a signature (Study and Examination Regulations Article 29.2a).

Type of assessment:
five-stage term grade

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

practical exam; the practical exam is conducted in person and written on paper; the use of artificial intelligence during the exam is not permitted.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

The minimum pass mark for the practical examination to be taken during the examination period is 50%. Knowledge of the following topics is required for at least a passing grade: qualitative and possessive adjectival constructions in anatomical nomenclature (singular and plural); qualitative, possessive, and prepositional constructions in clinical terminology; Latin names of the teeth.

grading method

90–100% = 5 (excellent)

76–89% = 4 (good)

61–75% = 3 (fair)

50–60% = 2 (pass)

0–49% = 1 (fail)

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

- The method of assessment is a practical exam. This includes the following sections with the following weighting. The minimum pass mark for the practical examination to be taken during the examination period is 50%.
- practical exam (in the examination period) 60%
- midterm test 30%
- Moodle quizzes (during the semester) 10%
- grading method

90–100% = 5 (excellent)

76–89% = 4 (good)

61–75% = 3 (fair)

50–60% = 2 (pass)

0–49% = 1 (fail)

The minimum pass mark for the practical examination to be taken during the examination period is 50%. It counts the 60% of the points.

1. midterm test 30%

Moodle quizzes (during the semester) 10%

Students who, together with the second midterm , achieve at least 75% may receive an offered grade (good or excellent).

Artificial intelligence systems used in the teaching of the subject and the manner of their application

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Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Neurológiai Klinika

Name of subject in Hungarian: Neurology
Name of subject in English: Neurology
Name of subject in German: Neurologie

Credit value of the course: 1
Semester: 7th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.0	1.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
14.0	14.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVNEU079_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Bereczki Dániel (Klinika igazgató)
Course coordinator location of work, telephone availability: Department of Neurology, +3612100337
Course coordinator position: Head of Department
Course coordinator Date and number of habilitation: 12/1999. DOTE

Objectives of the course, and its place in the curriculum of the medical training program:

Introduction to neurological symptoms and neurological patient examination. Basic description of the most common neurological diseases.

Format of the course (lectures, group work, practical lessons, etc.):

1 lecture per week

Competencies acquired through completion of course:

Basic knowledge of neurological diseases, basic patient examination.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Macroscopic anatomy and embryology I.-II., Internal medicine I., Pharmacology I.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

Neurology is a one-semester course.

The number of students required to start the course (minimum, maximum), method of selecting participants:

The course is obligatory elective and there is no minimum or maximum number of students.

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Detailed course/lecture description[i]: *(to facilitate credit recognition in other institutions)*

1. Cranial nerves and the brainstem
2. Examination of the cranial nerves
3. The motor system
4. The sensory system and headaches
5. Examination of the motor system
6. Examination of the sensory system
7. Diagnosis and treatment of cerebrovascular disorders
8. Patient demonstration-cerebrovasular disorders
9. Inflammatory disorders and tumors of the nervous system
10. Movement disorders
11. Patient demonstration-movement disorders
12. Epilepsy
13. Neuroimmunology, Multiple sclerosis
14. Patient demonstration-multiple sclerosis

[i] Detailed and numbered for each week of theoretical and practical lessons one by one. In an annex, cannot be attached appendix!

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance at the lectures is optional, but recommended, as the end-of-semester colloquium questions are closely based on the information presented in the lectures.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Mid-year assessment: at the end of each lecture, three test questions must be answered in person

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Number and type of individual assignments to be completed, submission deadlines:

There is no such requirement.

Requirements for the successful completion of the course:

Registration for the course in the Neptun system, 80% of the test questions at the end of the lecture must be completed with at least 50% success.

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Written exam: 30 simple-choice test questions. The test must be written in person, in the classroom of the Neurological Clinic, at the time announced.

Artificial intelligence cannot be used in the exam.

In the case of an oral retake exam, 1 item from the list below should be selected and summarized for the examiner.

Exam questions:

1. Structure of the nerve pathway responsible for smell and vision, symptoms of their damage

2. The function of the cranial nerves that move the eyes

3. N. trigeminus

4. N. facialis

5. Function of lower cranial nerves (VIII-XII.).

6. Organization of the motor system

7. Peripheral and central paresis

8. Structure of the sensory system

9. Causes of cerebral ischemia

10. Treatment of cerebral ischemia

11. Cerebral hemorrhages

12. Diagnosis and treatment of strokes

13. Inflammatory nervous system diseases

14. Tumor diseases of the nervous system

15. Parkinson's disease and other Parkinson's syndromes

16. Movement disorders with hyperkinesia

17. Classification of epilepsies

18. Differential diagnosis of symptoms associated with loss of consciousness

19. Multiple sclerosis

20. Neuroimmunological disorders

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

Colloquium. Topic: the material of the lectures given during the semester. All students are required to take a written test, which is passed if 60% is achieved. An oral test must be taken after a failed test.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The students take a written test, which is passed if 60% is achieved (grading: 1-5).

0-59% - 1 (failed)

60-69% - 2 (satisfactory)

70-79% - 3 (medium)

80-89% - 4 (good)

90-100%- 5 (exellent)

If someone fails, a second oral exam can be taken at the times announced in NEPTUN (grading: 1-5). Offered grade is not an option.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

Artificial intelligence can be used to learn the course material during the semester. The department is not responsible for the content generated. The department considers the lecture material to be the official course material and this is the basis for the examination.

List of coursebooks, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids; possibility of individual or group student consultation, if available:
Online resources:

Type	Recommended
Title	E-learning
Link	https://itc.semmelweis.hu/moodle/course/view.php?id=481

Printed resources:

Type	Recommended
Author	Fuller G.
Title	Neurological Examination Made Easy (3rd edition)
Publisher	Churchill Livingstone
Year of publication	2004
Other/Comment	ISBN 0443074208

Type	Recommended
Author	Lindsay K., Bone I., Callender R.
Title	Neurology and Neurosurgery Illustrated., 4th edition
Publisher	Churchill Livingstone
Year of publication	2004
Other/Comment	ISBN 0443070563

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Szülészeti és Nőgyógyászati Klinika – Baross u-i Részleg

Name of subject in Hungarian: Obstetrics and Family Planning
Name of subject in English: Obstetrics and Family Planning
Name of subject in German: Obstetrics and Family Planning

Credit value of the course: 1
Semester: 10th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.0	1.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
12.0	12.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVNO2092_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Nagy Gyula Richárd egyetemi docens
Course coordinator location of work, telephone availability: Department of Obstetrics and Gynecology (H-1088, Budapest Baross str. 27.) Tel: 06206632367
Course coordinator position: Associate Professor
Course coordinator Date and number of habilitation: 20/2018

Objectives of the course, and its place in the curriculum of the medical training program:

The subject of Obstetrics and Gynecology, is a basic knowledge for all students in dental education. During the half-year subject trainig, dentistry students acquire all the knowledge of obstetrics and family planning that is necessary to obtain a degree in dentistry.

Format of the course (lectures, group work, practical lessons, etc.):

Lecture

Competencies acquired through completion of course:

Application of general obstetric knowledge and participation in dental care in pregnant care.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Internal Medicine II., Pharmacology II.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Application of general obstetric knowledge and participation in dental care in pregnant care.

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

List of lectures:

1. Introduction. Semmelweis work
2. Anatomy of external and internal orgius of female. Stages of pregnancy. The terminal of birth.
3. Physiological changes of pregnancy. Signs of pregnancy
4. The hungarian pregnancy-care practice
5. The physiological birth, it’s parts and CTG
6. The abnormal childbirth
7. Gestational toxicosis, diabetes and HELLP-syndrome
8. Oral contraceptive pills and trisomies
9. Surgery in obstetrics.
10. Pretern birth. „Small for gestational” baby, IUGR.
11. Contraception methods. Abortion.
12. HPV infection in the dental and obstetrical practice

All lectures are given by Dr. Gyula Richárd Nagy.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

according to the Study and Examination Regulations, In case of proven absence, we provide the oportunity of replacement two times during the last week of education period /semester, in the form of an individual consultation.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

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Number and type of individual assignments to be completed, submission deadlines:

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Requirements for the successful completion of the course:

according Semmelweis rules

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

List of topics:

1. Anatomy. Stages of pregnancy.
2. Physiological changes in pregnancy.
3. Pregnancy care.
4. Birth. CTG.
5. The abnormal birth.

6. PE. DM. HELLP-syndrome.
7. OAC and trisomies.
8. IUGR, preterm birth
9. Surgery in obstetrics

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

The minimum requirement: knowledge of the topics defined in point 29 of the oral exam.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

A mark of oral exam

Artificial intelligence systems used in the teaching of the subject and the manner of their application

no use of AI during the teaching

Printed resources:

Type	Recommended
Author	N.F. Hacker and J.G. Moore
Title	Essentials of Obstetrics and Gynecology
Publisher	W.B.Saunders
Year of publication	2015

Type	Recommended
Author	Louise C Kenny, Fergus McCarthy
Title	Obstetrics by Ten Teachers
Publisher	CRC Press
Year of publication	2024

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Szemészeti Klinika

Name of subject in Hungarian: Szemészet
Name of subject in English: Ophthalmology
Name of subject in German: Augenheilkunde

Credit value of the course: 1
Semester: 8th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
21.0	0.0	4.0	17.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVSZE390_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Récsán Zsuzsanna
Course coordinator location of work, telephone availability: 06308780767
Course coordinator position: egyetemi docens
Course coordinator Date and number of habilitation: 2003.11.08., 628/2003

Objectives of the course, and its place in the curriculum of the medical training program:

Aims: The student should acquire the theoretical and practical knowledge that a non-ophthalmologist needs to recognize i.e. serious eye diseases that threaten with blindness. Should know prevention, screening and first aid of eye diseases. Should know appropriate knowledge of symptomatology of eye diseases those require specialized ophthalmologic treatment.

Place: The pathology, pathophysiology, symptomatology of ophthalmic diseases are not

taught in any other subjects. The language of ophthalmology, the diagnostic and therapeutic methods require special approach and knowledge. Ophthalmology associates with several subjects, eg oral surgery and dentistry.

Format of the course (lectures, group work, practical lessons, etc.):

Seminars, Practical lessons in groups

Competencies acquired through completion of course:

1. Recognition of periorbital processes affecting the orbit, eyeball, and visual field. Acute management

2. Recognition of orbital diseases, basic management after diagnosis

3. Acute management of lagophthalmos

4. Palsy of nerves responsible for eye movement, management

5. Recognizing abnormal pupillary reactions, acute management

6. Most common causes of red eye: recognition, basic management (subconjunctival suffusion, conjunctivitis, iridocyclitis, keratitis, acute glaucomatous attack, cellulitis orbitae)

7. Symptoms and basic management of the most common causes of non-traumatic sudden vision loss: vascular disorders of the fundus (anterior ischemic optic neuropathy, retinal arterial and venous disorders), retinal detachment, vitreous haemorrhage, endophthalmitis.

8. Recognition of visual field defect, knowledge of thera eutic a roach

9. Symptoms of papilledema, acute management

10. Recognition of amblyopia and strabismus

11. The most common causes of leucocoria

12. Diabetic retinopathy screening: aim and frequency

13. Management of penetrating eye injury

14. First aid for chemical eye burn

Competence in practice

1. Evaluation of near and far visual acuity.

2. Confrontal examination of visual field

3. Examination of eye movement in 6 main directions
4. Examination of ocular alignment
5. Examination of pupillary reactions and size
6. Examination of anterior segment with pupillary and slit lamp
7. Appraisal of eye tension by touching
8. Eversion of upper eyelid
9. Removal of conjunctival foreign body
10. Red reflex, direct fundoscopy of optic nerve head, retinal vessels
11. Usage of eye drops, bandage

Practical knowledge: Recognition of ophthalmic problems:

1. Visual deterioration
2. Differential diagnosis of red eye (conjunctivitis, keratitis, anterior uveitis, acute glaucoma)
3. Papilledema
4. Hemianopic, bitemporal visual field defect
5. Acute palsy of nerves Ill, IV and VI.
6. Leucocoria
7. Recognition of amblyopia and strabismus in early childhood

Treatment alone

1. Conjunctivitis (viral, bacterial, allergic)

First aid

1. Chemical injury
2. Conjunctival foreign body
3. Management of perforating and penetrating ocular injury

Knowledge of indication for acute ophthalmic consultation

1. Sudden visual deterioration or loss, visual field defect

2. Acute angle-closure glaucoma

3. Chemical injury

4. Mechanical injuries

5. Corneal ulceration

6. Corneal foreign body

Indication of regular ophthalmic screening, related areas

1. Diabetes mellitus

2. Glaucoma

3. Interdisciplinary issues: autoimmune diseases, oral surgery

Knowledge of modern diagnostic and therapeutic tools for ophthalmology

1. Diagnostic tools: automatic refractometer, measurement of eye tension, optical coherence tomography, ultrasonography, angiography, corneal topography, endothel microscope, cornea and anterior segment cameras, electrophysiological methods, colour tests, examination of visual field

2. Therapeutic possibilities: laser treatment in anterior or posterior segments, essence of modern microsurgical procedures, eyedrop families: action and side effect

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Course outcome (names and NEPTUN ID of related subjects):
FOKVNEU079_1A, FOKOSZB353_4A

Prerequisites for course registration and completion: (NEPTUN ID):

Internal Medicine I., Pharmacology I.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

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The number of students required to start the course (minimum, maximum), method of selecting participants:

Based on registration in NEPTUN system (without limit).

Detailed course syllabus (if the course can be divided into modules, please indicate):

(Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

THEORY: online seminars in 10 topics (pdf+videos)

1. Functional anatomy, Anamnesis, examination methods.

a. Magyar Márton: Anatomy of the eye

b. Náray Annamária: Anatomy and circualtion of the retina

c. Geiszelhardt Balázs-Korányi Katalin: Anatomy of the orbit, presented on a skull model (video) and CT-MRI images

d. Sándor Gábor: Anamnesis

e. Varga Kata: Examination of visual acuity

f. Szilágyi Zsuzsa: Accomodation, Presbyopia

g. Benyó Fruzsina: Visual disturbances, visual loss

h. István Lilla: Color vision, contrast sensitivity

i. Kránitz Kinga: Visual field defect, visual field test video

j. Lesch Balázs: Electrophysiology. Genetic aspects.

k. Killik Petra: Pain

l. Knézy Krisztina: Pupillary reactions. Anisocoria

m. Nagy Zoltán Zsolt: Functional anatomy of the eye, visualization of the anterior segment

n. Ecsedy Mónika: Visualization of posterior segment I.. OCT, FLAG

o. Csákány Béla: Visualization of posterior segment ll.: UH

2. Refractive errors. Refractive surgery. cataract. Glaucoma. Ocular pharmacology.

a. Kovács Klaudia: Hypermetropia, astigmatism

b. Csorba Anita: Higher order aberrations

c. Dormán Péter: Myopia

d. Szamosi Anna: Refractive errors and their corrections.

e. Nagy Zoltán Zsolt: Refractive surgery

f. Nagy Zoltán Zsolt: Types of cataract, cataract surgery.

g. Kránitz Kinga: Glaucoma I.

h. Kóthy Péter: Glaucoma Il.

i. Bausz Mária: Glaucoma surgery

3. Differential diagnosis of red eye

a. Szentmáry Nóra: Differential diagnosis of red eye

b. Füst Ágnes: Conjunctivitis

c. Kiss Huba: Differential diagnosis of Keratitis

d. Szentmáry Nóra: Corneal degenerations, dystrophies

e. Géhl Zsuzsanna: Classification of uveitis. Iritis, iridocyclitis

f. Szepessy Zsuzsanna: Medical work up of a patient with uveitis

g. Fodor Eszter: Cellulitis orbitae

h. Kovács Illés: Endophthalmitis

i. Kiss Huba: Dry eye

j. Nagy Zoltán Zsolt, Szentmáry Nóra: Cornea surgery

k. Füst Agnes: Anterior segment- interdisciplinary problems

4. Non-traumatic sudden vision loss

a. Récsán Zsuzsa: Sudden vision loss. Retinal circulatory problems.

b. Resch Miklós: Retinal detachment; vitrectomy

c. Vámos Rita: Papillitis

5. Main causes of blindness in posterior segment

a. Németh János: Causes of blindness. Screening, prevention.

b. Papp András: AMD

c. Szabó Dorottya: DM

d. Lesch Balázs: Genetic diseases of posterior segment

e. Szepessy Zsuzsa: Posterior uveitis

6. Ocular trauma

a. Gyenes Andrea: Traumatic optic neuropathy. Orbital injury, polytrauma

b. Füst Ágnes: Chemical and thermal burns, electric injury.

c. Kovács Illés: Contusio bbi

d. Szabó Antal: Penetrating trauma

7. Diseases of eyelids and adnexa. Orbital diseases.

a. Lukáts Olga: Misalignment of eyelids

b. Szalai Irén: Diseases and surgery of lacrimal pathway

c. Tóth Gábor: Enucleatio, exenteratio

d. Korányi Katalin: Exophthalmos

e. Ujváry László-Korányi Katalin: Oro-maxillofacial relevances

f. Ujváry László-Geiszelhardt Balázs-Korányi Katalin: Examination of the orbit. Video.

8. Pediatric ophthalmology

a. Besztercei Barbara: Leucocoria

b. Maka Erika: Developmental anomalies

c. Maka Erika: ROP

d. Veres Amarilla: Red eye in childhood

e. Dohán Judit: Uveitis in childhood

f. Farkas Alexandra: Child abuse

g. Mohammadpour Behnam: Dacryocystitis neonatorum

9. Disorders of eye movements, diplopia. Strabismus, amblyopia

a. Horváth Hajnalka: Strabismus

b. Szigeti Andrea: Presentation ofbasic pediatric ophthalmology examinations on video

c. Szamosi Anna: Binocular vision

d. Maneschg Otto: Disorders of eye movements

IO. Ocular oncology

a. Tapasztó Beáta, Lukáts Olga: Eyelid tumors

b. Korányi Katalin: Tumors of the orbit

c. Csákány Béla: Intraocular tumors

d. Maka Erika: Tumors in childhood

Seminar: 7x45 min lesson for the whole group in person

1. Structure of an ocular history. Basic methods of ophthalmic examination. The intact eye.

2. Red eye. Sudden visual impairment. Ocular trauma. Types of eye drops.

3. Main causes of blindness, prevention. Ocular oncology.

4. Problems of pediatric ophthalmology. Eye movement disorders, strabismus-amblyopia. The most common neuro-ophthalmological problems.

5. Oral surgery aspect. Diseases of the orbit.

6. Competence questions

7. Practical exam

Practices: 3x60min patient examination, for max 3-4 students (half group)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance requirements and make-up policy: According to the current university regulations.The 3x60 min patient examination is mandatory for everyone. In case of absence, classes have to be retaken. The student should consult with the tutor.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Three (3) Online test from the material of the lectures

Number and type of individual assignments to be completed, submission deadlines:

none

Requirements for the successful completion of the course:

Active participation during in-person seminars (max 2 hours absence) and patient examination practices. (absences from these practices must be made up)

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Admission to the practical exam: attendance sheets of in-person seminars and patient examinations signed by the teachers.

Admission to colloquium: successful practical exam

Colloquium: test exam; if the result is grade 2 (pass/satisfactory) or grade 1 (fail), an oral exam is compulsory on the day of the test. This corresponds to a score below 36 points (72%) on the final test.

90% – 100% **5 (Excellent)**

80% – 88% **4 (Good)**

72% – 78% **3 (Medium)**

60% – 70% **2 (Satisfactory)**

Below 60% **1 (Fail)**

Practical exam

In practice:

1. Assessment of near and distance visual acuity
2. Confrontal visual field testing
3. Examination of eye movements in the six cardinal directions
4. Checking ocular alignment, screening for amblyopia
5. Examination of the pupil: pupil size, reactions
6. Examination of the anterior segment with pupil lamp
7. Estimating intraocular pressure with palpation
8. Examination of the upper tarsal conjunctiva by eyelid eversion
9. Conjunctival foreign body removal

In theory:

1. When should we refer patients urgently to an ophthalmologist?
2. Ophthalmic screening in adulthood and in childhood
3. Sudden visual impairment
4. Hemianopic and bitemporal visual field loss
5. Papilledema
6. Retinal tear, suspected retinal detachment
7. Differential diagnosis of red eye (conjunctivitis, keratitis, scleritis, anterior uveitis, acute glaucomatous attack).
8. Orbital cellulitis, endophthalmitis
9. Acute cranial nerve III, IV and VI palsy; acute lagophthalmus
10. Leukocoria
11. Pupil reactions
12. Chemical eye burns, management
13. Blunt or penetrating eye injuries, management
14. Orbital trauma

Topics of test exam:

1. Basic anatomy of the eye.

2. Examination methods in ophthalmology

3. Refractive errors, management, complications, prevention

4. Accomodation, Presbyopia

5. Visual disturbances, visual loss, visual field defect

6. Color vision, contrast sensitivity

7. Pupillary reactions, anisocoria

8. Refractive surgery.

9. Cataract.

10. Glaucoma.

11. Ocular pharmacology.

12. Differential diagnosis of red eye

13. Non-traumatic sudden vision loss

14. Main causes of blindness in posterior segment

15. Ocular trauma

16. Diseases of eyelids and adnexa. Orbital diseases.

17. Pediatric ophthalmology

18. Ocular oncology

Oral exam

Questions for oral exam: 1-1 question from each set

items A	**items B**
differential diagnosis of red eye	acute closed angle glaucoma
classification of glaucoma	primery open angle glaucoma
sudden visual loss, causes, management	conjunctivitis
acute circulatory problem in posterior segment	ulcus cornea
the most common causes of papilledema	iritis, iridocyclitis
perforating/penetrating eye injury	retinal detachment, types, signs and symptoms, management
contusion injury	papillitis, neuritis retrobulbaris
the most common intraocular or orbital tumors in adult or childhood	refractive errors and correction
differential diagnosis of exophthalmos	prevention of myopia, complications
spalsy of n.III, IV, VI	rules for contact lens wear
diseases of eyelids	pupiland its normal /pathologic reactions
binocular vision, causes of amblyopia, prevention	dacryocystitis, dacryoadenitis
athe most common causes of blindness	blow out fractura
ocular complications of diabetes mellitus	screening, reasons for urgent referral to an ophthalmologist

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Clear, specific minimum requirements for assessment. (The list of mandatory concepts,

parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Assessment of Competency:

1. Recognition of periorbital conditions threatening the orbit, eyeball, or visual field; immediate actions

2. Recognition of orbital conditions; basic actions following recognition

3. Immediate actions upon the development of lagophthalmos

4. Recognition of oculomotor nerve palsy, actions to be taken after recognition

5. Recognition of abnormal pupillary reactions, immediate actions

6. Recognition and differentiation of the most common causes of red eye, basic actions following recognition: subconjunctival hemorrhage, conjunctivitis, foreign body-induced redness, keratitis, iridocyclitis, acute glaucoma attack, orbital cellulitis

7. Symptoms of the most common causes of sudden vision loss of non-traumatic origin, and basic steps to take after recognition: circulatory disorders of the optic disc (anterior ischemic optic neuropathy, retinal arterial and venous circulatory disorders), retinal detachment, vitreous hemorrhage, endophthalmitis.

8. Recognition of visual field defects, basic steps to take after recognition

9. Symptoms of papilledema, steps to take after recognition.

10. Recognition of amblyopia and strabismus

I1. Most common causes of leukocoria

12. Ophthalmic screening for diabetes mellitus: purpose, frequency

13. Actions to take in case of suspected penetrating eye injury

14. First aid for lacerations of the eye

Practical skills:

1. Examination of near and distance visual acuity

2. Confrontational visual field testing

3. Examination of eye movements in the six main directions

4. Determination of strabismus.

5. Amblyopia

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Grading method and type, the option for grade offer and its conditions:

Establishing the final grade: performance measured at the final colloquium. Oral exam is compulsory only for those who have a satisfactory (2) or unsatisfactory (1)test result.

Offering a grade: Based on the results of the online test during the study period, in case of a performance of at least 80%, the student can take an extra point to the final colloquium test (total of 3 points). If a student is able to pass all the 3 tests individually with a min. of 80%, the required practical skills have to be demonstrated and the student can choose two competence questions, which do not have to be answered. If a student is able to pass all the 3 tests individually with a min. of 90% and has properly demonstrated his ractical skills, the student can receive the offered excellent grade.

Evaluation:
scores from final test + plus points from Tests1-3 (1-3 points)

Score	Percentage	Percentage
45-50	90% – 100%	5 (Excellent)
40-44	80% – 88%	4 (Good)
36-39	72% – 78%	3 (Medium)
30-35	60% – 70%	2 (Satisfactory/Pass)
0 -29	Below 60%	1 (Fail)

Based on the results of the online test during the study period, in case of a performance of at least 80%, the student can take an extra point to the final colloquium test (total of 3 points). If a student is able to pass all the 3 tests individually with a min. of 80%, the required practical skills have to be demonstrated and the student can choose two competence questions, which do not have to be answered. If a student is able to pass all the 3 tests individually with a min. of 90% and has properly demonstrated his ractical skills, the student can receive the offered excellent grade.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

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Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Fül-Orr-Gégészeti és Fej-Nyaksebészeti Klinika

Name of subject in Hungarian: Fül-Orr-Gégegyógyászat
Name of subject in English: Otorhinolaryngology
Name of subject in German: Hals-, Nasen- und Ohrenheilkunde

Credit value of the course: 1
Semester: 8th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.5	1.0	0.5	0.0

Semester hours	Lecture	Practice	Seminar
21.0	14.0	7.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVFUL434_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Tamás László (Klinika igazgató)
Course coordinator location of work, telephone availability: Department of Otorhinolaryngology, Head and Neck Surgery, 061/333-3316
Course coordinator position: Director
Course coordinator Date and number of habilitation: 2011.06.07. PTE/2251-72/2011

Objectives of the course, and its place in the curriculum of the medical training program:

The subject of the course includes ear, nose, throat, larynx, head and neck disease, tumor management and oncological surgery in these regions. In addition, diseases of the nose and sinuses, their operations. Endoscopic and microscopic laryngeal as well as nasal, sinus and ear surgery, ear-nose and throat laser therapy and laser surgery. Other ear-nose-throat reconstruction and plastic surgery as well as endoscopic diagnostics of esophagus, larynx, trachea. Childhood hearing examination, surgical hearing repair and cochlear implantation. Basic audiology, detailed

examination of ear diseases, hearing aids or surgery. Phoniatric knowledge, physiology of voice formation, cure for hoarseness, rehabilitation of laryngeal patients. Rhinology. Otoneurology, investigation and treatment of balance disorders.

Format of the course (lectures, group work, practical lessons, etc.):

Lecture and practice

Competencies acquired through completion of course:

Students learn about the development, clinical presentation, course, and treatment options for otolaryngology. They master the examination of the patient, get acquainted with the examination procedures, the diagnosis of each disease, as well as the possibilities of conservative treatment, open or endoscopic and microscopic surgeries, and techniques based on the appropriate anatomical basis

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Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Pathology, Oral Pathology

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Topics of lectures on ear-nose and throat

1, Examination in ORL - Dr. Birtalan Ede

2, Ear diseases - Dr. Gáborján Anita

3, Audiology, hearing aids,implanted devices - Dr. Gáborján Anita

4, Headache, otoneurology, facial nerve - Prof. Dr. Szirmai Ágnes

5, Rhinitis, nasal septum - Dr. Kraxner Helga

6, Inflammation of the pharynx - Dr. Bencsik Beáta/Dr. Molnár Viktória

7, Sinusitis, FESS - Dr. Fent Zoltán

8, OSAS - Dr. Molnár Viktória

9, Swallowing and speech disorders - Dr. Fent Zoltán

10, Benign cervical masses - Dr. Répássy Gábor

11, Head and neck cancers, surgical therapy - Dr. Dános Kornél

12, Emergency in ORL - Prof. Dr. Tamás László

13, Head and neck benign and malignant tumors, epidemiology, pathology and diagnosis - Prof. Dr. Tamás László

14, Nonsurgical therapy of head and neck cancers - Dr. Prekopp Péter

Practices

1.basic otolaryngology examination in a healthy person - use of a forehead reflector

2.endoscopic / microscopic ear examination (ear cleaning, ear washing, chr. otitis media, eardrum perforation, Grommet), endoscopic nasal examination (anesthesia, chr. sinusitis, nasal polyposis, epipharynx, veg. aden.)

3 laryngoscpy (anesthesia, tongue root, epiglottis, glottis, vocal cord movement, vocal cord paralysis, hypopharynx)

4. skill lab: ear model paracentesis exercise, temporal bone ear surgery types presentation

5.skill lab: practicing nasal bleeding on a skull model (layered tampon, Bellocq tampon)

6. patient presentation / examination (facial paresis, spontaneous vestibular symptoms, ear bonding, steam bonding, ear imaging evaluation)

7. patient presentation / examination (oral abnormalities, pharyngitis, tonsillitis, tonsillectomy, malignant pharyngeal process)

Attendance at lectures is not needed - by regulations of university -, at exercises is a must (min. 75%).

Other courses with overlapping topics (obligatory, optional, or elective courses) in

interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Participation in the lecture is not obligatory according to university regulations. Students' participation in practical classes is registered in an attendance form. Absence from classes need not be justified. Absences in excess of the allowable amount must be made up for acceptance of the semester. Replacement of practice in the amount not exceeding the number of mid-year staff is possible in the last 2 weeks, after pre-registration.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

There are no mandatory tests during the academic year. The practicum supervisors are constantly informed about the students' preparation

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Number and type of individual assignments to be completed, submission deadlines:

They are primarily given individual assignments during the exercises

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Requirements for the successful completion of the course:

According to university regulations, students may be absent from 25% of laboratory sessions during the course without providing a note of absence. Any additional absences must be made up, and the instructor of the make-up session will provide a note of attendance. A laboratory session may only be made up with a session covering the same topic.

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Minimum criteria for the ENT exam, competency questions before topics

1. Symptoms and clinical features of diffuse otitis externa

2. Symptoms and clinical features of acute otitis media (AOM) – suppurative form

3. Causes of acute hearing loss

4. What is to be done in case of acute sensorineural hearing loss?

5. Recognition of hearing loss in childhood, newborn hearing screening

6. Causes of ear pain (list)

7. Complications of acute otitis media (AOM)

8. Clinical symptoms and recognition of acute mastoiditis

9. Causes of unilateral otitis media with effusion (OME) in adults and childhood

10. How to diagnose vertigo caused by vestibular disorders

11. Causes of peripherial facial palsy (list)

12. Differential diagnosis of central and peripheral facial nerve palsy

13. Primary management of epistaxis/nosebleeding (at home/ambulance/by GP)

14. Management of epistaxis/nosebleeding (anterior, posterior) by ENT professionals

15. Management and complications of nasal folliculitis and furuncles

16. Types of rhinitis (list)

17. Clinical features and management of angioedema (Quincke-edema)

18. Complications of paranasal sinus infections (list)

19. Where does the patient localize the pain in cases of frontal, maxillary, ethmoidal or sphenoidal sinusitis?

20. Causes of unilateral nasal obstruction and discharge in childhood and in adulthood

21. ENT diseases causing headache

22. Most frequent causes of dysphagia

23. Indications of tonsillectomy (absolute and relative)

24. Clinical features and symptoms of peritonsillar abscess

25. Peritonsillar abscess – treatment

26. Clinical features, symptoms and complications of para- and retropharyngeal abscesses

27. Pathogens of tonsillitis and pharyngitis, indication of antibiotic treatment

28. Causes of chronic hoarseness (Why is it necessary to visit an ENT specialist after 3 weeks of hoarseness?)

29. Symptoms of head and neck tumors

30. Swollen neck lymph nodes – causes31. Evaluation of neck lumps – diagnostic steps

32. Causes of dyspnea in the upper respiratory tract

33. Middle-aged, smoker patient presents with unilateral ear pain, but the examination of the ear does not reveal any disorders. What may be the cause, and what is obligatory to be examined?

34. Management of choking patients – if intubation cannot be carried out

ENT exam topics:

I.

1. Anatomy and physiology of the external and middle ear, function of the Eustachian tube.

2. Basics of the physiology of hearing. Classical examination of hearing: tuning fork and subjective hearing tests.

3. Objective hearing tests. Tympanometry, evoked response audiometry, otoacoustic emission.

4. Clinical examination of the vestibular system.

5. Malformations of the auricle, diseases of the external ear.

6. Complications of purulent acute and chronic otitis media.

7. Inflammations of the middle ear (purulent acute and chronic otitis media).

8. Clinical presentation, diagnostics and treatment of otosclerosis.

9. Acute and chronic otitis media with effusion. The use of tympanostomy (Grommet) tube.

10. Tympanoplasty. Mastoidectomy and radical mastoidectomy.

11. Etiology and treatment of acute and chronic sensorineural hearing loss.

12. Hearing loss in childhood. Symptoms, examination and treatment. Neonatal hearing screening.

13. Indications and types of hearing aids.

14. Cochlear implantation. Implantable hearing aids.

15. Clinical presentation and treatment of BPPV, vestibular neuronitis and Ménière’s disease.

16. Tumors of the external and middle ear.

17. Causes and treatment of peripheral facial nerve palsy.

18. Differential diagnosis of temporal pain in dental practice.

19. Anatomy and physiology of the nose and paranasal sinuses.

20. Injuries, inflammatory diseases and tumors of the external nose.

21. Physical examination, endoscopy and imaging of the nose and paranasal sinuses.

22. Types of rhinosinusitis, smelling disorders.

23. Symptoms, causes and diagnostics of sleep apnoe.

24. Acute and chronic inflammatory diseases of the the nose and paranasal sinuses, complications, principles of treatment.

25. Blood supply of the nasal cavity. Causes and management of nasal bleeding.

26. Causes of reduced nasal ventillation. Septum deviation.

27. Injuries of the paranasal sinuses, facial skeleton, anterior skull base.

28. Diagnostics and therapy of allergic rhintis.

29. Endoscopic sinus surgery, extended applications.

30. Benign and malignant tumors of the paranasal sinuses. Principles of treatment.

31. Malignant tumors of paranasal sinuses. Principles of treatment and postoperative rehabilitation in dental practice.

32. Differential diagnosis of facial pain and disease of nasal and paranasal cavity (dental significance)

II.

33. Reconstructive and plastic surgery of nasal and paranasal sinus deformities.

34. Inflammatory diseases of the salivary glands. Sialoadenopathies.

35. Benign and malignant tumors of the salivary glands.

36. Differential diagnosis of swelling of the neck.

37. Physiology and examination of the oral cavity and the pharynx.

38. Tonsillitis, angina and mononucleosis.

39. Complications of acute tonsillitis. Peritonsillar abscess.

40. Benign tumors and precancerous lesions of the oral cavity and the pharynx.

41. Inflammatory diseases of the oral cavity and the pharynx. Principles of treatment.

42. Congenital disorders of the oral cavity and the pharynx.

43. Diagnosis and treatment of patients with cleft face and cleft palate.

44. Malignancies of the oral cavity and the pharynx. Principles of treatment.

45. Examination of the larynx. Symptoms of laryngeal diseases. Causes and treatment of vocal fold immobility.

46. Acute and chronic inflammatory diseases of the larynx.

47. Benign tumors of the larynx.

48. Malignancies of the larynx and hypopharynx. Principles of treatment.

49. The role of human papillomavirus in oropharyngeal malignancies.

50. Tracheotomy, cricothyrotomy (conicotomy).

51. Upper airways obstruction. Diagnosis, symptoms, treatment of the foreign body in the airways.

52. Disorders of phonation and speech (types of dysphonia).

53. Regions of the neck. Neck lymph node dissections.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

Competency-based questions and the ability to answer exam questions

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Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The condition for admission to the exam is the signing of the practical number of hours completed according to the regulations. The exam is an oral exam, consisting of two parts. The first part is to answer two competence questions. Successful completion of this is a prerequisite for continuing the exam. Failure to meet competency questions is a stumbling block for the exam. If the competency questions are successfully answered, the exam will continue with two items corresponding to the line item. In doing so, students receive a grade based on their theoretical and practice-theoretical knowledge. Ignorance of any item is stumbling. Grading scale: 1–5.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

We do not use artificial intelligence in our teaching

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
II. Sz. Gyermekgyógyászati Klinika, Gyermekgyógyászati Klinika Tűzoltó utcai részleg

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Name of subject in Hungarian: Pediatrics
Name of subject in English: Pediatrics
Name of subject in German: Kinderheilkunde

Credit value of the course: 1
Semester: 8th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.5	0.5	0.5	0.5

Semester hours	Lecture	Practice	Seminar
21.0	7.0	7.0	7.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVGY2369_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Kovács Gábor (klinikai főorvos)
Course coordinator location of work, telephone availability: Semmelweis Egyetem Gyermekgyógyászati klinika Tűzoltó utcai részleg +36-1-2151380
Course coordinator position: head of department
Course coordinator Date and number of habilitation: Date 2009.06.02. Number 279

Objectives of the course, and its place in the curriculum of the medical training program:

As in their University curriculum dentistry students start to study pediatrics parallel to their internal medicine training and before studying pediatric dentistry, the Department’s new curriculum focuses more on propedeutics.Practices and consultations are intended to introduce students to fundamental medical skills and knowledge that they will utilize not only at their working sites but soon during the university years.
During the practices /consultations the students will be able to ’meet’ real cases and

understand the structure of medical care; on the other hand the consultations will provide a possibility for them to learn the usage of data sources, search for and find professionally correct information in medical databases and making up a short presentation on dentistry-focused pediatric topics.

Format of the course (lectures, group work, practical lessons, etc.):

lectures, seminars, practices

Competencies acquired through completion of course:

Describing the method and specifity of history taking and physical examination in different ages, as well as the different dosage forms used in pediatrics.
Understanding the method of making up the diagnosis and initiating adequate treatment from history taking, through physical examination and laboratory testing&imaging.
Understanding the components of health survaillance, screening programmes and primary/secondary prevention.
Practicing assertive and effective communication skills with patients and families.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Pathology, Oral Pathology

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Practices max 6 students/group

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Lectures and Seminars
1. Introduction: somatomental development of a healthy child, care of a newborn
2. Cardiovascular diseaseses
3. Diseases of the respiratory tract (ENT incl.), infections,

4. Disorders of growth&development
5. Pediatric Surgery
6. Chronic Abdominal Pain,
7. Bleeding disorders, haematological malignancies
8. Vomiting, diarrhoea
9. Kidney and urinary tract diseases. Glomerular nephropathy
10. Lymphnode enlargement
11. Anaemia
12. Child with a rash
13. Problems of weight gain
14. Diabetes mellitus

Practices:

15. Physical Examination
16. Feeding of a baby&child; intolerances, allergies
17. Laboratory Findings (bloodcount + 'routine checkup' + urinalysis)
18. Acute care of life-threatening conditions
19. Fluid-electrolyte changes, dosage forms in pediatrics, antipyretics
20. Seizures
21. Signs of syndromes of infectious diseases

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance on the seminars and practices is obligatory. Maximum number of absences is 25 percent of the number of
practices+seminars in the semester (3/14).

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

There are no mandatory midterm tests during the semester

Number and type of individual assignments to be completed, submission deadlines:

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Requirements for the successful completion of the course:

Minimum 11 presences on seminars+ practices

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

1. Introduction: somatomental development of a healthy child, care of a newborn
2. Cardiovascular diseases
3. Diseases of the respiratory tract (ENT incl.), infections
4. Disorders of growth&development
5. Pediatric surgery
6. Chronic abdominal pain
7. Bleeding disorders, haematological malignancies
8. Physical examination
9. Feeding of a baby&child; intolerance, allergy
10. Laboratory findings (bloodcount + ’routine checkup’ + urinalysis)
11. Acute care of life-threatening conditions
12. Fluid-electrolyte changes, dosage forms in pediatrics, antipyretics
13. Seizure
14. Signs and symptoms of infectious diseases
15. Vomiting, diarrhoea
16. Diseases of the kidney and urinary tract. Glomerular nephropathy.”
17. Lymphnode enlargement
18. Anaemia
19. Child with a rash
20. Failure to thrive, Endocrine emergencies
21. Diabetes mellitus

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

1. Apgar score - definition, milestones of weight development in the first year of life
2. Antibiotic prophylaxis in congenital heart diseases, definition of cyanosis
3. Physical signs suspicious for aspiration, management
4. Calculation of parental target height, possible causes of failure to thrive
5. Differential diagnosis of acute abdomen in children and infants
6. Alarming symptoms in chronic abdominal pain, symptoms and signs of celiac disease
7. Physical examination signs indicating bleeding disorders, anamnestic data, signs of acute leukemia in blood count
8. Physical signs of acute increased intracranial pressure, physical signs of dehydration

9. Difference between intolerance and allergy
10. Interpretation of blood count abnormalities, normal values at different ages
11. Rules of CPR in childhood
12. Normal Na, K, and pH values, conditions leading to their abnormalities
13. Causes of grand mal seizures
14. Symptoms and management of follicular tonsillitis, symptoms of mononucleosis, symptoms of varicella
15. Causes of vomiting, treatment of diarrhoea
16. Symptoms, laboratory abnormalities, and management of glomerulonephritis and pyelonephritis, symptoms of nephrosis
17. Causes of lymph node enlargement
18. Symptoms and laboratory abnormalities of anemia, definition of sideropenic anemia
19. Symptoms, laboratory abnormalities, and initial management of meningitis and encephalitis
20. Definition of lack of weight gain. Definition of salt loss, definition and treatment of adrenal insufficiency
21. Laboratory abnormalities in DKA, main principles of treatment, symptoms suggestive of diabetes

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Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Forming a grade at the end of the course is based on a 5 grade result system reflecting on the performance on the oral exam.
Excellent (5)
Good (4)
Satisfactory (3)
Pass (2)
Fail (1)

The student’s semester activity can be considered if their performance in the colloquium is not unambiguous

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Artificial intelligence systems used in the teaching of the subject and the manner of their application

No artificial intelligence is used in the training but it is allowed for home preparation for classes and exams.

List of coursebooks, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating

which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids; possibility of individual or group student consultation, if available:
Online resources:

Type	Recommended
Title	Pediatrics
Link	through moodle

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Országos Mentőszolgálat

Name of subject in Hungarian: Oxiológia
Name of subject in English: Prehospital Emergency Medicine
Name of subject in German: Prehospital Emergency Medicine

Credit value of the course: 1
Semester: 9th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
14.0	0.0	11.0	3.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVOMS393_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Gőbl Gábor
Course coordinator location of work, telephone availability: OMSZ Főigazgatósága 1055 Budapest, Markó utca 22. (Telephely: 1142 Budapest Erzsébet királyné útja 87.) Phone: +36 20 947 0229
Course coordinator position: invited lecturer
Course coordinator Date and number of habilitation: -

Objectives of the course, and its place in the curriculum of the medical training program:

To introduce the students into the philosophy and basic principles of emergency care; to teach them to evaluate the information gainable at the scene, how to check the patient at the scene, how to recognize and treat the most frequent emergency situations.

Format of the course (lectures, group work, practical lessons, etc.):

Seminar and practice.

Competencies acquired through completion of course:

- overview of emergency care system
- recognizing an emergency situation. Call for help, general measures.
- evaluation of the scene and dangers. Patient survey using ABCDE scheme
- communication in emergency care (ISBAR)
- basic interventions (airway management, relief of bleeding, venous access, pain relief)
- recognizing and treating upper airway obstruction
- recognizing sudden circulatory arrest
- resuscitation: BLS – AED
- recognition and treatment of unconscious/mentally disturbed patients and stroke patients
- evaluation of chest pain. Treating ischemic chest pain
- treatment of fainting and shock. Recognition and care of anaphylactic reaction,
- treating acute hypertension
- recognition and treatment of acute dyspnea: left ventricular failure and bronchial asthma
- general principles of recognition and treatment of acute poisonings
- basics of care in severe injury
- general approach of multiple casualty incidents
- care of medical emergencies in dental praxis: equipment and organization

basic skills in *prehospital emergency* care (CPR, airway management, relief of bleeding, venous access, pain management)

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

First Aid, Internal Medicine II., Pharmacology II.,

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

min. 5 max: 50, in order of registration

Detailed course syllabus (if the course can be divided into modules, please indicate):

(Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. - 2. Seminar. Lecturer: Dr. László Gorove. Overview of the content:

· characteristics of the emergency situation and the emergency care. Information gainable at the scene. Dangers and safety at the scene. How to get help. ABCDE survey. Communication in the emergency situation; ISBAR.

· characteristics of the emergency care system. Basic interventions (airway management, relief of bleeding, venous access, pain relief). Circulatory arrest. Cardiopulmonary resuscitation: BLS – AED.

· unconsciousness and disturbed mental state Stroke.

· chest pain. Fainting and shock. Anaphylaxis. Hypertensive emergencies. Shortness of breath, dyspnea. Upper airway obstruction. Acute cardiac failure. Bronchial asthma.

· general principles of recognizing and treating acute poisonings. Common intoxications.

· ABC of injury care. Multiple injury management.

· acute events in the dental praxis. Emergency equipment.

Handout of the themes will be available.

3. -13. Skill labor. Lecturer: Dr. László Gorove, and other colleauges if needed. Practical training (each occasion is the same, for maximum 10 students: airway management, relief of bleeding, venous access, pain relief, short repetition of BLS-AED.)

A practical guide will be available electronically.

14. Seminar. Lecturer: Dr. László Gorove. Consultation. Wrap up.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Participation at seminars and at one practical training is compulsory. Be aware of the limitation of 10 participants at one occasion.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

Short consultation at practical trainings is possible.

Number and type of individual assignments to be completed, submission deadlines:

Monitoring and correcting practical interventions during classroom practice, if necessary.

Requirements for the successful completion of the course:

Documented presence at all the seminars and one practical training.

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Theses:

- System of Emergency Care.
- Characteristics of emergency situations; the essence of emergency care
- Scene information and dangers
- Patient survey: ABCDE scheme
- Communication in emergency care: ISBAR
- Basic interventions: airway management, relief of bleeding, venous access, pain relief
- Upper airway obstuction
- Sudden circulatory arrest. Resuscitation: BLS – AED.
- The unconscious/mentally disturbed patient. Stroke.
- Chest pain
- Acute peripheral circulatory failure (fainting, shock)
- Anaphylactic reaction
- Acute hypertension
- Acute dyspnea: left ventricular failure, bronchial asthma.
- General principles of recognizing and treating acute poisonings
- Basics of severe injuries.

Mass casualty incident.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

In the practical skills involved in classroom (skill) exercises (hemorrhage control, airway management, drug administration routes, analgesia and sedation).

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Theoretical (oral) exam (marks 1-5). No offered grade.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

No

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Pszichiátriai és Pszichoterápiás Klinika

Name of subject in Hungarian: Psychiatry
Name of subject in English: Psychiatry
Name of subject in German: Psychiatrie

Credit value of the course: 1
Semester: 7th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
1.0	1.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
14.0	14.0	0.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
Angol

Course code:
FOKVPSI078_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Réthelyi János (Klinika igazgató)
Course coordinator location of work, telephone availability: Department of Psychiatry and Psychotherapy H-1082 Budapest Balassa street
Course coordinator position: Head of the department, professor
Course coordinator Date and number of habilitation: 24/06/2015; 05/2015.

Objectives of the course, and its place in the curriculum of the medical training program:

Course objectives and role within the Dental Curriculum:
Teaching Psychiatry is an integral part of the general medical clinical subjects within the curriculum of the undergraduate education at the Faculty of Dentistry. The aim of the instruction is to acquaint students with the professional terms of psychiatry, its diagnostic and therapeutic methodology, and the clinical features of the most common diseases. We pay special attention to the psychiatric conditions relevant in dental practice, especially to teach dental aspects of common psychiatric illnesses.
Psychiatry and Psychotherapy and that of the Department of Neurology.

Format of the course (lectures, group work, practical lessons, etc.):

Method of instruction is lecture.

Competencies acquired through completion of course:

Competences acquired by completion of the course:
- theoretical knowledge of the professional vocabulary used in Psychiatry
- the ability to identify the clinical features of the most common psychiatric disorders
- the ability to identify psychiatric conditions and common psychiatric diseases in dental practice
- the skill of applying the diagnostic and therapeutic methodology
Description of skills and (sub) competencies:
• Recording of psychiatric medical history (general, familial, somatic, psychiatric, pharmacological)
• Psychiatric examination (consciousness, perception, orientation, thinking, intellect, emotional and mental functions, mood, assessment of psychomotor functioning, examination of behaviour, motivation and personality)
• Knowledge of major psychiatric disorders, their recognition
• identification of dental significance of psychiatric disorders
• Recognition of emergency psychiatric conditions
• Recognition of somatic disorders underlying psychiatric symptoms
• Assessing an imminent threat, then taking the necessary interventions, initiating legal measures
• Differential diagnosis of psychiatric disorders

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Oral Biology, Oral Medicine I.

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

We do not restrict the number of students who can enroll to our course.

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Main topics of the course are classification in psychiatry, schizophrenia and other psychotic disorders, mood disorders, anxiety, anxiety disorders, somatoform disorders, substance use disorders, organic mental diroders. Emergency care and legal aspects in psychiatry are discussed. Both theoretical and practical aspects of the different conditions are concerned. We deal with the special importance of doctor-patient communication within psychiatry.
The course is fourteen week long, one lecture per week. Case demonstrations are also fit into the framework of the lectures.
1 st week Subject of psychiatry, classification of disorders, diagnostic methods
(lecture - Z. Hidasi)
2nd week Case demonstration (psychiatric interview, signs and symptoms (Z. Hidasi)
3rd week Anxiety, anxiety disorders, somatoform disorders (lecture – Z.Hidasi)
4th week Case demonstration (anxiety disorder – Z. Hidasi)
5th week Affective disorders (lecture – Z. Hidasi)
6th week Schizophrenia and other psychotic disorders (lecture – Á. Menus)
7th week Case demonstration (schizophrenia – Á. Menus)
8th week Case demonstration (dementia – Z. Hidasi)
9th week Substance use disorders (lecture – A. Bodrogi)
10th week Case demonstration (substance use – Z Hidasi)
11th week Case demonstration (depression – Z. Hidasi)
12th week Organic psychiatry (lecture – Z. Hidasi)
13th week Emergency in psychiatry, legal aspects (lecture - Z. Hidasi)
14th week Case demonstration, consultation (Z. Hidasi)

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Absences are accepted up to 10 % (1 occasion) for the case presentations. Theoretical lectures are not obligatory. There is no possibility for extra replacement lectures.

Excuses for absences are not accepted for the case presentations. Medical excuses for absences for the exam should be handed in within three working days.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

There will be no mid-term evaluation during the semester.

Number and type of individual assignments to be completed, submission deadlines:

There will be no mid-term evaluation during the semester.

Requirements for the successful completion of the course:

Acceptance of the semester is based on the attendance at the lectures.

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Material presented at the lectures and of the recommended textbook is required.

Closing exam. There is one possibility for written exam (multiple choice).

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Mandatory theoretical concepts based on the textbook and the lectures.

Textbook: Kaplan-Sadock: Pocket handbook of clinical psychiatry. Fourth or newer editions, Lippincott Williams & Wilkins, Philadelphia 2005.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Grades are based on the performance at the exam.
0-50%: 1
51-60%: 2
61-70%: 3
71-80%: 4
81-100%: 5

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of artificial intelligence is not restricted during the course. The use of artificial intelligence is not allowed during the exam.

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:

Semmelweis University, Faculty of Dentistry - undivided, one-tier training in dentistry
Name of the host institution (and any contributing institution):
Sebészeti, Transzplantációs és Gasztroenterológiai Klinika

Name of subject in Hungarian: Sebészet
Name of subject in English: Surgery
Name of subject in German: Chirurgie

Credit value of the course: 2
Semester: 8th semester
(in which the subject is taught according to the curriculum)

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
28.0	14.0	14.0	0.0

Type of course:
optional

Academic year:
2026/27

Language of instruction (for optional and elective subjects):
English

Course code:
FOKVSB1435_1A
(in the case of a new course, to be completed by the Dean’s Office, following approval)

Course coordinator name: Dr. Szijártó Attila (Klinika Igazgató)
Course coordinator location of work, telephone availability: Department of Surgery, Transplantation and Gastroenterology. 1082 Budapest, Üllői út 78., +36208259001
Course coordinator position: professor, head of department
Course coordinator Date and number of habilitation: 2015.06

Objectives of the course, and its place in the curriculum of the medical training program:

Introduction in the fundamentals of surgery. Diagnosis and treatment of the most frequent and important surgical
diseases. Life threatening abdominal urgency. Brain death, basics of organ donation and transplantation.

Format of the course (lectures, group work, practical lessons, etc.):

lecture and practice

Competencies acquired through completion of course:

Recognition of the most common surgical diseases and acute life threatening situations. Cognition of brain death and basics of organ transplantation.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Macroscopic anatomy II, Pathology

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), method of selecting participants:

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

Lectures

1. Preoperative preparation, types of indication, laparotomies, thrombosis prophylaxis, intra and postoperative complications and care,
2. Bleeding, hemostatic methods, acute abdomen, symptoms oriented diagnosis, logic of diagnosis
3. Surgery of the upper gastrointestinal tract: surgical diseases of the esophagus, surgical aspects of ulcer disease, gastric cancer. Basic types of operations.
4. Biliary, liver and pancreas surgery. Gallstone disease, minimal invasive surgery, liver and pancreas tumors. Basic types of operations.
Surgery of the small and large intestine. Complex treatment of the colorectal tumors. Enterostomy. Basic types of operations.
5. Surgery of the breast. Diagnosis, complex treatment. Basic types of operations
6. Endocrine surgery. Surgical diseases of the thyroid, parathyroid and adrenal glands. Basic types of operations.
7. Brain death, organ donation, transplantation, immunsupression. Causes and consequent ions of brain death, types and organization of transplantation, legal and ethical

aspects. Basic types of operations.

Syllabus for surgery practices

1. practice: surgical instruments, staplers. Scrubbing in, sterility, behaviour in the operating room.
2. practice: preoperative tasks: surgical examination, consideration of indication and contraindication, risks, comorbidity, medication, results.
3. practice: postoperative tasks: observation, open versus laparoscopic procedures, effect of narcosis, use and of drains, nasogastric tubes, catheters, mobilisation, emission.
4. practice: Patient presentation: upper GI surgery: complications, monitoring, feeding, checkup.
5. practice: Patient presentation: lower GI surgery: complications, monitoring, feeding, and checkup.
6. practice: Patient presentation: biliary-liver-pancreas surgery: complications, monitoring, feeding, checkup.
7. practice: Patient presentation: transplant recipient, complications, monitoring, feeding, and checkup.

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimalize overlaps, topics should be coordinated. NEPTUN ID(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

Attendance at min. 75%, namely 6, practices is compulsory and highly recommended at lectures. Substitution according to the Study and Examination Regulations.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):
(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

None

Number and type of individual assignments to be completed, submission deadlines:

None

Requirements for the successful completion of the course:

Attendance at min. 75%, namely 6, practices is compulsory and highly recommended at lectures. Substitution according to the Study and Examination Regulations.

Type of assessment:
terminal examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Topic list, according to the lectures, practices and recommended books.

Basic surgical concept, types of laparotomy, thoracotomy
Tetanus, gas gangrene, prophylaxis, symptoms, treatment
Types of bleeding, hemostatic methods
Thrombosis (risk factors, prophylaxis, symptoms, treatment)
Preoperative risk assessment, preparation for the operation
Types of surgery, indication, contraindication
Intraoperative and postoperative complications
Postoperative care and observation
Minimal invasive surgery. Benefits and limits
Principles of surgical oncology (operability, resecability, TNM, palliation etc.)
Emergency surgery. Causes, basic diagnostic and therapeutic approach
Appendicitis, perforation (symptoms, diagnosis, treatment).
Ileus, hernia incarceration (symptoms, diagnosis, treatment).
Brain death: causes, diagnosis, consequents. Legislation of organ donation.
Basics of organ transplantation: allocation, organisation, surgical principles, immunsupression.
Surgical diseases of the thyroid and parathyroid gland (symptoms, diagnosis, treatment).
Most frequent surgical diseases of the esophagus (symptoms, diagnosis, and treatment).
Ulcer disease: surgical aspects (symptoms, diagnosis, treatment).
Gastric cancer (symptoms, diagnosis, treatment).
Cholelithiasis, choledocholithiasis (symptoms, diagnosis, treatment).
Primary and metastatic liver tumours (symptoms, diagnosis, treatment)
Acute and chronic pancreatitis (symptoms, diagnosis, treatment)
Tumours of the pancreas (symptoms, diagnosis, treatment). Radical and palliative surgery
Colorectal tumours (symptoms, diagnosis, treatment).
Diverticula, diverticulosis, diverticulitis (symptoms, diagnosis, treatment).
Inflammatory bowel diseases: Crohn’s disease and ulcerative colitis: surgical aspects.
Types of abdominal hernias (symptoms, diagnosis, treatment).
Breast cancer: the principles of complex diagnosis and treatment.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department’s website referring to the minimum requirements of the course.

To achieve a passing grade, the student should possess fundamental theoretical knowledge of surgery. They should be familiar with the symptoms, diagnostics, and basic principles of the most common surgical conditions (e.g., acute abdomen, appendicitis, ileus, hernias, gallstones, pancreatitis, and oncological diseases).

They should understand basic anatomical relationships and the indications for commonly used diagnostic procedures (laboratory tests, imaging, endoscopy).

They should know the basic steps of acute surgical care, be able to recognize emergency conditions, and understand fundamental therapeutic guidelines. They should also be capable of assessing the basic postoperative condition and recognizing the most common complications.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

according to the performance on the oral exam

Artificial intelligence systems used in the teaching of the subject and the manner of their application

The use of AI is permitted during the preparation of assignments for outlining, brainstorming, or language improvement; however, the student is responsible for the final content and its interpretation.

If AI-generated content is used as a source, it must be properly indicated and critically reviewed.

The use of AI tools is not permitted during assessments.

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:
