

**Semmelweis University, Faculty of Dentistry - single, long-cycle medical training -
Osztatlan általános fogorvos képzés**

Name of the host institution (and any contributing institution):

Parodontológiai Klinika

Name of subject: Periodontology I.

in English: Periodontology I.

in German: Periodontology I.

Credit value: 2

Semester: 7th semester

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
1.5	1.0	0.5	0.0

Hours per semester	Lecture	Practical lesson	Seminar
21.0	14.0	7.0	0.0

Type of course:

obligatory

Academic year:

2026/27

Language of instruction (for optional and elective subjects):

Angol

Course code:

FOKOPDK387_1A

(in the case of a new course, to be completed by the Dean's Office, following approval)

Course coordinator name: Dr. Windisch Péter

Course coordinator location of work, telephone availability: Semmelweis University,
Department of Periodontology

Course coordinator position: professor, Head of the Department

Course coordinator Date and number of habilitation: 2011

Objective of instruction and its place in the curriculum:

Periodontology is a basic, conceptual subject in the undergraduate curriculum of dental students, with a definite aim to teach modern, evidence based methods of periodontal diagnostics and treatments. Providing students with up-to-date knowledge of periodontics and related implant dentistry. Students will be able to understand the anatomy and pathology of periodontal tissues, modern methods of diagnostics and the current protocol of treatment by non-surgical as well as

surgical way, through two semesters of clinical practice. The acquired core knowledge will be essential for dentists in general dental setting

Method of instruction (lecture, group work, practical lesson, etc.):

Number of hours: 21, of which lectures: 21 1,5 hours/week , practicals: 7 hours/semester . seminars: 0

Competencies acquired through completion of course:

Students learn about the anatomy and function of the periodontium, the basic epidemiological aspects, the etio-pathogenesis of periodontal diseases as well as about the basic therapeutic methods and instruments.

Course outcome (names and codes of related subjects):

Prerequisites for course registration and completion: (CODE):

Oral Biology, Oral Pathology, Oral and Maxillofacial Surgery 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), student selection method:

The total number of registered students for the given semester

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 periodontology
Anatomy and morphogenesis of periodontal tissues
Etiology of periodontal disease
Local factors, dental plaque, biofilm.
Periodontal microbiology
Pathomechanism of periodontal disease I. Immunological considerations
Pathomechanism of periodontal disease II.- I. Demonstration
Clinical and radiological diagnostics

Periodontal epidemiology. Indices
Individualised oral hygiene
Local risk factors
General risk factors- II. Demonstration
Treatment phases of comprehensive periodontal treatment
Written exam

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

FOKODT244_1A, FOKODT427_1A, FOKOKFK429_1A

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

Completing the administration work for closing the previous semester and obtaining the pre-requisites. Proper uniform matching the rules with a nameplate. Learning and understanding both the course description (requirements and rules of the subject) presented by the instructor of a given group and certified by each student's signature. Absence in accordance with the Study and Examination Policy of Semmelweis University Faculty of Dentistry with no possibility to substitute lectures. Absences are in accordance with The Study and Examination Policy of Semmelweis University Faculty of Dentistry. The maximum allowed absences on the practices is 1 out of four sessions. This is the principal requirement for the acceptance of the semester and the signature in addition to fulfill at least 75% of the given practical pensum. In case of total practical incompetence, or the practical output on the practices does not reach at least 75% of the required practical pensum or other behavioral problems the signature can be denied 1 (failed) after having been consulted with the department chairman. The maximum allowed absences on the practices are 1. This is the principal requirement for the acceptance of the semester and the signature. The failed written semifinal exam can be retaken as an oral exam during the examination period.

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 tests and essay on the practices

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

none

Requirements for the successful completion of the course:

Achieving a score of 75% on the quizzes administered during lectures. A short quiz consisting of 5 state exam questions must be completed during each lecture. Attendance at 75% of the practical sessions, and a practical exam during the final session, which is a prerequisite for being admitted to the final exam. During the practical oral exam, failure to demonstrate the following knowledge will result in failure:

- Recognition of the components and instruments of the Reduced Gracey Set
- The precise purpose and classification of periodontal indices
- Use of a scaler
- Recognition of periodontal curettes and probes. Successful completion of the written exam.

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)

A mandatory written test on the 14th academic week's lecture. A total of 60 single choice questions, including the clinical diagnosis of 20 clinical photos and 40 theoretical questions. The minimal requirement is 60% correct answers. Grading: 0-36 failure, 37-42:2, 43-49:3, 50-55:4 and 56-60: 5. The test results in an offered grade, if anybody fails or the student does not accept it, and wants to improve it an oral exam should or can be made during the examination period.

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.

A mandatory written test on the 14th academic week's lecture. A total of 60 single choice questions, including the clinical diagnosis of 20 clinical photos and 40 theoretical questions. The minimal requirement is 60% correct answers. Grading: 0-36 failure, 37-42:2, 43-49:3, 50-55:4 and 56-60: 5. The test results in an offered grade, if anybody fails or the student does not accept it, and wants to improve it an oral exam should or can be made during the examination period.

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 mandatory written test on the 14th academic week's lecture. A total of 60 single choice questions, including the clinical diagnosis of 20 clinical photos and 40 theoretical questions. The minimal requirement is 60% correct answers. Grading: 0-36 failure, 37-42:2, 43-49:3, 50-55:4 and 56-60: 5. The test results in an offered grade, if anybody fails or the student does not accept it, and wants to improve it an oral exam should or can be made during the examination period.

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

The use of artificial intelligence is not permitted during mid-term examinations, written examinations and oral examinations. The use of electronic devices that can access artificial intelligence is not permitted during examinations.

Lecturers may use artificial intelligence in editing lectures and compiling test questions, while students are also permitted to use artificial intelligence during the academic period in order to master the course material. However, the use of artificial intelligence is prohibited in any type of examination. Violation of the provisions is considered illegal behavior, plagiarism, and in order to investigate it, responsibility for plagiarism during the existence of the student relationship must be investigated in student disciplinary proceedings.

Printed resources:

Required	Yes
Author	Lindhe J. (et al) (ed):
Title	Clinical Periodontology and Implant Dentistry 6th ed
Publisher	Blackwell
Year of publication	2016

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

Signature of the director of the host institution:

Date of submission:
