Annex
to Resolution No. 2417
Of the Senate of Wroclaw Medical University
of 25 May 2022

| Syllabus for 2022/2023 academic year<br>Learning cycle: 2020/2021 – 2024/2025 | | | |
|---|---|---|---|
| Description of the course | | | |
| Course | (in Polish)<br>Chirurgia stomatologiczna przedkliniczna | Group of specific learning outcomes | |
| | (in English)<br>Preclinical Dental Surgery | Class group (group code)<br>C | Group name<br>Preclinical Sciences |
| Faculty | English Division, Faculty of Dentistry | | |
| Major | Faculty of Dentistry | | |
| Level of studies | ☒ uniform Master's degree studies<br>☐ First-level<br>☐ Second-level<br>☐ Third-level<br>☐ Postgraduate studies | | |
| Mode of study | ☒ full-time ☒ part-time | | |
| Year of studies | ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 ☐ 6 | Semester | ☐ winter ☒ summer |
| Type of course: | ☒ mandatory<br>☐ free choice / elective | | |
| Language of instruction | ☐ Polish ☒ English | | |

| Number of hours<br>Course delivery method | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Non-clinical Classes (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | Classes in Simulated Conditions (CSC) | Practical Classes with Patient (PCP) | Foreign Language Course (FLC) | Physical Education (PE) | Vocational Practice (VP) | Guided Self-directed Learning (GSL) | E-learning (EL) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Winter semester:** | | | | | | | | | | | | | |
| Chair and Department of Oral Surgery | | | | | | | | | | | | | |
| Direct learning | | | | | | | | | | | | | |
| Remote learning | | | | | | | | | | | | | |
| **Summer semester:** | | | | | | | | | | | | | |
| Chair and Department of Oral Surgery | | | | | | | | | | | | | |
| Indirect learning | | 20 | | 10 | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Remote learning | | | | | | | | | | | | | |
| Total per year: | | | | | | | | | | | | | |
| Chair and Department of Oral Surgery | | | | | | | | | | | | | |
| Indirect learning | | 20 | | 10 | | | | | | | | | |
| Remote learning | | | | | | | | | | | | | |

**Educational objectives:** (max. 6 items)

C1. Learning the rules of work in a dental surgery clinic. Keeping medical records.
C2. To acquaint students with the principles of asepsis and antisepsis.
C3. Learning to conduct subjective and objective examination of a patient with regard to surgical aspects. To familiarize students with the principles of qualifying patients for surgical treatment in outpatient and inpatient settings. Discussion of the principles of cooperation with doctors of other specialties.
C4. Learning how to deal with the patient before and after surgery in the case of surgical treatment in an outpatient setting.
C5. Mastering the knowledge of the use of local anesthesia in dental surgery - anesthetics and techniques of anesthesia.
C6. To acquaint students with the surgical instruments. Teaching the rules and techniques of tooth extraction.

**Learning outcomes for the course in relation to methods of verifying the intended learning outcomes and the course delivery method:**

| Number of the specific learning outcome | Student who completes the module/course knows/is able to | Methods of verification of intended learning outcomes | Form of teaching * *enter the symbol* |
|---|---|---|---|
| C.W5 | In terms of knowledge the graduate knows and understands the basics of disinfection, sterilisation and aseptic techniques | Test, oral answer | SE, MC |
| C.W21 | In terms of knowledge the graduate knows and understands the principles of pain and anxiety prevention and management as well as pharmacology of drugs used in life-threatening situations | Test, oral answer | SE, MC |
| C.W23 | In terms of knowledge the graduate knows and understands the equipment of a dentist's office and the instruments used in dental procedures | Test, oral answer | SE, MC |

** L - Lecture; SE - Seminar; AC - Auditorium Classes; MC- Major Non-clinical Classes; CC - Clinical Classes; LC - Laboratory Classes; CS - Classes in Simulated Conditions; PP - Practical Classes with Patient; FLC - Foreign Language Course ; PE - Physical Education; VP - Vocational Practice; GSL - Guided Self-directed learning; EL - E-learning*

| Student' s amount of work (balance of ECTS points): | |
|---|---|
| **Student's workload** (class participation, activity, preparation etc.) | **Student's hourly workload** |
| 1. Hours of direct learning: | 30 |
| 2. Hours of remote learning: | |
| 3. Hours of student's individual work: | 15 |
| 4. Hours of self-directed learning: | |
| Summary of the student's workload: | 45 |
| **Module/course ECTS value:** | **1,5** |

**Course content:** (please enter keywords describing the topic of each session, categorised by the form of teaching, making sure that it translates into the intended learning outcomes)

**Seminars**

1. Medical documentation. Preparing a patient for a dental surgery procedure. (2 hours)

2. Management of a patient with systemic diseases. Focal diseases. (2 hours)
3. Asepsis and antisepsis. Preparation of the oral cavity for surgery. Prevention of viral infections in dental surgery. (2 hours)
4. Antibiotic therapy in dental surgery. (2 hours)
5. Pharmacological support for dental surgery procedures (continued) (sedation, painkillers and anti-inflammatory drugs, anti-hemorrhagic drugs). Means of local anesthesia. (2 hours)
6. Indications and contraindications for extraction under general / local anesthesia. (2 hours)
7. Traditional and modern techniques of local anesthesia. (2 hours)
8. Instrument science in dental surgery. Traditional and modern techniques of teeth extractions. (2 hours)
9. Types of cuts and surgical suturing. (2 hours). Introduction to laser therapy in dental surgery. Cryosurgery in dental surgery. (2 hours)
10. Emergencies in dentistry. (2 hours)

Practical classes

1. Patient examination, examination card, preparation of the workplace, disinfection, sterilization (2 hours)
2. Local anesthesia - practical classes, instruments (2 hours)
3. Technique of tooth extraction (2 hours)
4. Surgical suturing - practical classes (2 hours)
5. Emergencies in the dentist's office (2 hours)

Mandatory literature: *(mention according to significance, no more than 3 items)*

1. Chiapasco M. Manual Of Oral Surgery. Third Edition. Edra, 2018
2. Peterson's Priciples of Oral and Maxillofacial Surgery 2011
3. Fragiskos D.F. Oral surgery. Springer, 2007.

Supplementary literature and other aids: *(no more than 3 items)*

1. Stanley F.Malamed.: Handbook of local anesthesia.2004, Elsevier Mosby
2. Pedlar J., Frame J.: Oral and Maxillofacial Surgery an objective-based textbook.2007,Churchill Livingstone Elsevier
3. Wray D. [et al.]: Textbook of general and oral surgery. Churchill Livingstone

Prerequisites/preliminary requirements: *(minimum conditions to be met by the student before taking the course)*

Passing the exam in Preclinical Dentistry during the second year.

Rules for awarding component grades in the course during the semester*:*

Criteria for assessing colloquiums and tests:

Very good (5.0) - 92 - 100% of possible points
Over good (4.5) - 84 - 91 points possible
Good (4.0) - 76 - 83 points possible
Pretty good (3.5) - 68 - 75 points possible
Satisfactory (3.0) -60 - 67 possible points

Oral response criteria:

Very good (5.0) - composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; thorough discussion of the issue; no content and terminological errors
Over good (4.5) - composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; full coverage of the issue; no content and terminological errors
Good (4.0) composing and articulating an independent statement on a given topic in a way that demonstrates full understanding of the question and knowledge of the topic; full coverage of the issue; minor factual and / or terminological errors
Fairly good (3.5) - attempting to compose and articulate an independent statement on a given topic in a way that proves that the question has been understood at least partially and that the topic is known; comprehensive, though superficial, discussion of the issue; minor factual and / or terminological errors

Sufficient (3.0) - attempting to compose and articulate an independent statement on a given topic in a way that proves at least partial understanding of the question and knowledge of the topic; partial discussion of the issue; minor factual and / or terminological errors
Insufficient (2.0) - failure to meet the appropriate criteria for the assessment: satisfactory (3.0)
Passing practical procedures:
Performing the procedures prescribed by the teacher, under his supervision, in the correct manner

## Requirements to pass the course:

The condition for passing the course is to obtain positive grades in colloquiums, tests and oral answers during the semester and a positive assessment of the student's practical skills issued by the tutor (completion of the required clinical procedures).

| Grade: | Course credit evaluation criteria |
|---|---|
| Very good (5.0) [bardzo dobra] | Arithmetic mean 4.7 - 5.0 of the test results, oral answers and presentation of the practical abilities. |
| Good plus (4.5) [dobry plus] | Arithmetic mean 4.5 – 4.7 of the test results, oral answers and presentation of the practical abilities. |
| Good (4.0) [dobra] | Arithmetic mean 4.0 - 4.4 of the test results, oral answers and presentation of the practical abilities. |
| Satisfactory plus (3.5) [dostateczny] | Arithmetic mean 3.5 - 3.9 of the test results, oral answers and presentation of the practical abilities. |
| Satisfactory (3.0) [dostateczny] | Arithmetic mean 3.0 - 3.4 of the test results, oral answers and presentation of the practical abilities. |

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| **Name(Name of the teaching unit)** | Chair and Department of Oral Surgery – Wrocław Medical University |
| **Head of the teaching unit:** | 26 Krakowska Street , 50-425 Wrocław |
| **Phone number:** | 71 7840251, Fax: 71 7840253 |
| **E-mail:** | chir.stom@umw.edu..pl |

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| **Person responsible for the course:** | **prof. dr hab. Marzena Dominiak** |
| **Phone number:** | **71 7840251** |
| **E-mail:** | **marzena.dominiak@umw.edu.wroc.pl** |

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| **Course coordinator:** | |
| **Phone number:** | |
| **E-mail:** | |

**CONSULTATIONS: detailed information on the dates and places of academic staff consultations is available on the websites of individual organizational units of the University conducting classes in a given subject and in showcases next to the secretariats.**

| Syllabus preparation date |
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| 20.08.2022 |