

**Model syllabus for a subject**

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| 1. **Imprint**
 |
| Faculty name: | Faculty of Medicine and Dentistry |
| Education program *(field of study, level and educational profile, form of studies, e.g., Public Health, 1st level studies, practical profile, full time):* | English Dentistry Division, full-time |
| Academic year: | **2019-2020** |
| Module/subject name: | Current trends in endodontic treatment |
| Subject code *(from the Pensum system):* |  |
| Educational units: | Department of Conservative Dentistry and Endodontics, Binieckiego Str. 6, sekretariat.zachowawcza @wum.edu.pl |
| Head of the unit/s: | drr hab. n. med. Agnieszka Mielczarek |
| Study year *(the year during which the respective subject is taught):* | IV |
| Study semester *(the semester during which the respective subject is taught):* | 8 |
| Module/subject type *(basic, corresponding to the field of study, optional):* | facultative |
| Teachers *(names and surnames and degrees of all academic teachers of respective subjects):* | dr hab. n. med. Agnieszka Mielczarek, lek. dent. Zdzisław Annusewicz, lek. dent. Marcin Aluchna, lek.dent Wioletta Bielas, dr n. med. Aniela Brodzikowska, lek.dent. Tomasz Gajewski, dr hab. n. med. Ewa Iwanicka-Grzegorek, lek. dent. Aleksandra Hajdo, lek. dent. Karolina Kowalczyk, lek. dent. Anna Kwiatkowska, dr hab. n. med. Bogna Marchlewska, lek. dent Milena Marcinkowska-Ziemak, lek. dent. Anna Niedziela –Hejmej, lek. dent. Iwona Raczycka, lek. dent. Joanna Rudnicka, dr n. med. Ewa Rusyan, lek. dent. Jarosław Witecki, Zawadziński, lek. dent. Aneta Zduniak |
| ERASMUS YES/NO *(Is the subject available for students under the ERASMUS programme?):* | yes |
| A person responsible for the syllabus *(a person to which all comments to the syllabus should be reported)* | Lek. dent. Milena Marcinkowska-Ziemak8 |
| Number of ECTS credits: | 0,75 |
| 1. **Educational goals and aims**
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| 1. *Improvement of the knowledge and skills in endodontic procedures: working in dental team, providing proper doctor- patient relationship*
2. *Diagnosing and treating diseases of dental hard tissues, pulp and periapical tissues*
3. *Diagnosing and treating coexisting pathologies of pulp and periodontium*
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| 1. **Initial requirements**
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| 1. *Achieving learning outcomes in terms of knowledge, competences and skills on third year of studies*
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| 1. **Learning outcomes corresponding to the subject**
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| **A list of course learning outcomes** |
| Symbol of course learning outcomes | Description of course learning outcomes | The reference to programme learning outcomes (number) |
| *W01* | *Understanding the role of verbal and non- verbal communication* | D.W4 |
| *W02* | Knows basic medical research methods and the role of laboratory tests in the diagnosis, monitoring, prognosis and prevention of organ and systemic disorders, with particular attention to their impact on oral tissues | E.W2 |
| *W03* | Knows the rules of proceeding prophylactic- therapeutic plan in treatment diseases of masticatory system in different periods of human development | F.W3 |
| W04 | Knows the rules of proceeding in treatment of pulp and mineralized tissues of teeth diseases and dental trauma | F.W7 |
| W05 | Knows the rules of proceeding in treatment of periapical diseases | F.W8 |
| W06 | knows the morphology of dental tissues and instruments used in endodontic treatment | F.W9 |
| U01 | Plans the work of dental team and equipment of dental surgery, according to the principles of ergonomics and safety | D.U17 |
| U02 | Explains the essence of the patient's symptoms, determines the method of treatment confirmed with informed consent of the patient and states the prognosis | F.U3 |
| U03 | Knows the rules of proceeding in case of general and local complicationsduring and after dental procedures | F.U11 |
| U04 | Collects actual records of the patient, writes referrals for a specialist dental or medical examination or treatment | F.U13 |
| U05 | Establishes the treatment of diseases of stomatognathic system tissues | F.U18 |
| U06 | Applies appropriate medication during and after dental treatment in order to relieve the pain and anxiety | F.U19 |
| K01 | Has the ability of independent performance of assigned tasks | K.03 |
| 1. **Forms of classes**
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| *Form* | *Number of hours* | *Number of groups* |
| *Lecture* | 5 | 1 |
| *Seminar* | 5 | 1 |
| *Practical classes* | 5 | 1 |
| 1. **Subject topics and educational contents**
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| *W.1-Lecture 1- Modern techniques of chemo- mechanical preparation of root canals- W01**W.2-Lecture 2- Modern methods of canal’s obturation - W02**W.3- Lecture 3- Possibilities and limitations of endodontic surgery- W03**W.4- Lecture 4-Minimally invasive endodontics- W04**W.5-Lecture5- Specialist’s cooperation in endodontics-W05**S.1- Seminar 1- Modern materials in endodontic treatment- S01**S.2- Seminar 2-* *1- 2- or multi-visit endodontic treatment?- S02**S.3- seminar 3-* *Additional tests in endodontic treatment- S03**S.4- Seminar 4-* *Working with magnification-introduction -S04**S.5- Seminar 5- Restoration of the teeth after endodontic treatment- S05**C.1- practical classes 1- Preparation of the root canal system with mechanical instruments- C01**C.2- practical classes 2- Obturation of the root canal with CWT method- C02**C.3- practical classes 3- Using radiological techniques in endodontic practice- C03**C.4- practical classes 4- Working with magnification- an endodontic microscope- C04**C.5- practical classes 5- Restoration of the teeth after endodontic treatment- C05* |
| 1. **Methods of verification of learning outcomes**
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| Learning outcome corresponding to the subject (symbol) | Forms of classes (symbol) | Methods of verification of a learning outcome | Credit receiving criteria |
| W01-W03 | lectures | *Presence on the lectures* | Presence on the lectures  |
| S01-S03 | seminars | Evaluation of the involvement in discussion | Active participation in seminars |
| C01- C02 | Clinical classes | Observation and evaluation of student’s practical skills | Obtaining apositive grade fromteacher leading practical classes |
| 1. **Evaluation criteria**
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| **Form of receiving credit in a subject:**100% presence on the lectures, seminars and practical classes is obligatory. In case of 1 absence, the term and a form of getting a credit from a lecture/seminar/practical classes should be individually appointed and established in form with a teacher conducting classes. More than 1 absence results in not obtaining a credit from the course. |
| 1. **Literature**
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| Obligatory literature:1. Sturdevant's Art&Science of Operative Dentistry, 6th edition, Roberson T.M., Heymann H.O., Swift E.J., St. Louis, Mo. : Elsevier/Mosby, 2013
2. Tronstadt L., Clinical endodontics: a textbook, 3rd edition, Georg Thieme Verlag, 2009,
3. Kidd E.A.M., Joyston-Bechel S., Essential of dental caries, 3rd edition, Oxford University Press, Oxford 2005,

Supplementary literature: 1. Torabinejad M., Walton R.E., Endodontics, principles and practice, 5th edition, Saunders Elsevier 2009,
2. Cohen S., Hargreaves K.M., Pathways of the Pulp, 10th edition, Mosby Elsevier 2011
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| 1. **ECTS credits calculation**
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| ***Form of activity*** | ***Number of hours*** | ***Number of ECTS credits*** |
| ***Direct hours with an academic teacher:*** |
| Lectures | **5** | **0,15** |
| Seminars | **5** | 0,15 |
| Practical classes | **5** | 0,15 |
| ***Student's independent work*** *(examples of the form of work):* |
| Student's preparation for a seminar | **4** | 0,15 |
| Student's preparation for a class | **1** | 0,05 |
| Preparation for obtaining credits | **3** | 0,1 |
| Other (please specify) |  |  |
| 1. **Additional Information**
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| *Maximum number of students participating in faculty- 20**Application for a faculty is by an individual student’s reporting to the secretary of Department of Conservative Dentistry and Endodontics.**Qualification for a faculty is in order of application.**A term of applying for a faculty will be announced at the beginning of academic year.* |

Signature of the person responsible for the syllabus

Signature of the Head of the Unit