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| **Syllabus 2020/2021****training cycle: 2016/2017** |
| **Description of the course** |
| **Module/Course** | **Prosthodontics (2)** |
| **Faculty** | Faculty of Dentistry |
| **Major**  | Dentistry |
| **Specialties** |  |
| **Level of studies** | Uniform magister studies **X**1st degree studies 2nd degree studies 3rd degree studies postgraduate studies  |
| **Form of studies** | **X** full-time part-time |
| **Year of studies**  | **5** | **Semester 9,10** | **X** Winter**X** Summer |
| **Type of course** | **X** obligatory limited choice free choice / elective  |
| **Course** | **X** major basic |
| **Language of instruction** | **X** Polish English other |
| \* mark with an **X** |
| **Number of hours** |
| Form of education |
| Unit teaching the course | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Classes – not clinical (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | Classes in Simulated Conditions (CSC) | Practical Classes with Patient (PCP) | Specialist Classes – magister studies (SCM) | Foreign language Course (FLC) | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) | E-learning (EL) |
| **Winter Semester** |
|  |  |  |  |  | **70** |  |  |  |  |  |  |  | **110** |  |
| **Summer Semester** |
|  |  | **17** |  |  | **60** |  |  |  |  |  |  |  | **13** |  |
| **TOTAL per year:** |
|  | **17** |  | **130** |  |  |  |  |  |  |  | **123** |  |  |
| **Educational objectives** (max. 6 items)**C1. Student develops the skill to diagnose and plan prosthodontic treatment using phantoms** **C2. Student should be acquainted with all clinical stages in removable (complete and partial) and fixed dentures performing using phantoms****C2. Student assists in treating patients with different functional and morphological disorders****C3. Student develops manual abilities on phantoms.** **C5. Student develops ways of communicating with patient****C6. Student should be able to prepare scientific study with help of tutor** |
| **Education result matrix for module/course in relation to verification methods of the intended education result and the type of class** |
| Number of course education result  | Number of major education result  | Student who completes the module/course knows/is able to | Methods of verification of intended education results (forming and summarising) | Form of didactic class*\*\*enter the abbreviation* |
| **W 01****W 02****W 03****W 04****W 05****W 06** | **F.W16.****F.W16.****F.W16.****F.W16.****F.W16.****F.W16.** | 1. Explains the process of diagnosis and prosthodontic treatment planning in simple clinical cases2. Describes clinical and laboratory stages in fixed dentures performing3. Describes clinical and laboratory stages in removable dentures performing4. Defines materials, procedures and equipment necessary in fixed dentures performing 5. Defines materials, procedures and equipment necessary in removable dentures performing6. Defines stages of performing the original study, case report and review | Knowledge test during clinical classes (multiple choice test, written and oral) | **SE, CC** |
| **U 01****U 02****U 03****U 04****U 05****U 06** | **F.U25.****F.U25.****F.U25.****F.U25.****F.U25.** | 1. Schedules complex prosthetic treatment in easy clinical cases 2. Uses methods and materials used in process of fixed dentures performing 3. Uses methods and materials used in process of removable dentures 4. Performs clinical stages in fixed dentures with patients and using phantoms5. Performs clinical stages in removable dentures with patients and using phantoms6. Student is able to prepare material of study, knows methodology, describes aims and results, carries-out discussion and finds conclusions | Evaluation of different stages of clinical work and practical skills individually for each student | **CC** |
| **K 01****K 02****K 03****K 04** | **F.K01.****F.K02.****F.K03.****F.K04.** | 1. Student actively participates in practical classes2. Cooperates in students’ group3. Participates in procedures connected with practical tasks4. Participates in scientific research at the university | Evaluation of students’ attitude during classes | **CC** |
| \*\* L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .  |
| Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:Knowledge: **5**Skills: **4**Social competences: **3** |
| **Student's amount of work (balance of ECTS points)** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |
| 1. Contact hours: | **147** |
| 2. Student's own work (self-study): | **123** |
| Total student's workload | **270** |
| **ECTS points for module/course** | **9** |
| Comments  |  |
| **Content of classes** (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects) |
| **Lectures** |
| **Seminars**1. Principles of prosthetic treatment.2. The prosthetic treatment of patients with functional disturbances of the masticatory system- prophylaxis, diagnosis and treatment.3. Ceramic and metal –ceramic prosthetic crowns. Fixed metal –composite dentures. Prosthetic crowns and bridges- clinical procedures and failures.4. Review of precision attachments for removable partial dentures. Designing rests and retentive clasps.5. The prosthetic treatment in serious morphological destruction of oral cavity tissues. |
| **Practical classes**1. Regulations of the Department of Prosthetic Dentistry. Subject introduction: schedule, conditions for passing the winter semester, actual literature and other aids.2. The meaning of examination in masticatory system rehabilitation, the meaning of additional tests in planning of the prosthetic treatment. Preparation of patients for prosthetic treatment - pre-prosthetic treatment.3. Standard and individual posts: indications, contraindications, clinical and laboratory performance.4. Dental crowns: division, general characteristics, indications and contraindications, principles of clinical and laboratory management.5. Dental bridges: division, indications, contraindications, design principles, advantages and disadvantages of bridges compared to removable dentures in the alternative case.6. Dental implant prosthetics: indications, contraindications. Planning of the treatment. Types of implants. Clinical and laboratory management in implant prosthetics.7. Frame dentures. Surveying analysis of the working model - determination, purposefulness and method of conducting. When a frame denture is made in cases alternative to dental bridges.8. Partial and complete dentures. |
| **Other** |
| **Basic literature** (list according to importance, no more than 3 items)1. H.T.Shillinburg, S. Hobo, L.D.Whitsett: Fundamentals of fixed prosthodontics, Quintessence Publishing Co,1997 2. A.B.Carr, G.P.McGivney, D.T.Brown: McCracken’s Removable Partial Prosthodontics, Mosby 20043. I.Hayakawa: Principles and Practices of Complete Dentures, Quintessence Publishing Co, 2001**Additional literature and other materials** (no more than 3 items)1. Okeson J.P.: Treatment of temporomandibular disorders and occlusion, Mosby, 19982. S.F.Rosenstiel,, M.F.Land, J.Fujimoto: Contemporary Fixed Prosthodontics, Mosby 2006 |
| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…)Clinical room, phantoms, dental laboratory, lecture room, multimedia projector, computer |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)To master the knowledge and skills specified in the syllables from previous years' subjects at least at a basic level. |
| **Conditions to receive credit for the course** (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be med by the student to pass it and criteria for specific grades)IMPORTANT! Class attendance cannot be a condition for passing the subject.The conditions of getting the credits:**a.** obtaining confirmation of participation in practical classes included in the schedule; **b**. obtaining positive marks from all the exercise passing tests the schedule. The tests are carried out in writing, oral or test form; **c**. failed exercises (theoretical and practical) must be retaken before the end of each  semester;**d.** any fail during classes must be improved within 14 days;**e.** the data on the presence and marks obtained by the student should be evidenced in the individual student card;**f.** obtaining a passing mark on the final test at the end of each semester.**Forms for checking knowledge**Partial checks - (one-choice closed-ended test - 20 questions, 60% for pass, oral answer or written answer) Thematic colloquia - (one-choice closed-ended test - 20 questions, 60% for pass, oral answer or written answer) -Final test for the semester ( single-choice closed-test - 50 questions, 66% for pass, oral answer, form or written answer) |
| **Diploma Exam****-Practical Diploma exam****-Written Diploma Exam (Single-choice closed test - 100 questions, 72 seconds of time to answer for each question)** |
| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) | Obtaining from 94% to 100% correct answers on the test exam consisting of one hundred questions. |
| Good Plus (4.5) | Obtaining from 88% to 93% correct answers on the test exam consisting of one hundred questions. |
| Good(4.0) | Obtaining from 81% to 87% correct answers on the test exam consisting of one hundred questions. |
| Satisfactory Plus (3.5) | Obtaining from 74% to 80% correct answers on the test exam consisting of one hundred questions. |
| Satisfactory (3.0) | Obtaining from 66% to 73% correct answers on the test exam consisting of one hundred questions. |
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| **Name and address of module/course teaching unit, contact: telephone and e-mail address**Department of Prosthodontics, ul. Krakowska 26, 50-425 Wrocław, contact: 71/784 02 91, protetyka.stom@umed.wroc.pl**Coordinator / Person responsible for module/course, contact: telephone and e-mail address****Dr hab. n. med. Z. A. Bogucki****List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.Clinical classes: dr n. med. T. Dąbrowa, dr n. med. G. Chmiel, dr n. med. A. Nowakowska-Toporowska, lek. dent. Joanna Maczura-Sokalska, lek. dent. Błażej Gajos, lek. dent. N. GrychowskaSeminars: dr n. med. T. Dąbrowa

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 30.06.2020  |  Dr hab. n. med. Zdzisław Artur Bogucki |
| **Signature of Head of teaching unit**Prof. dr hab. n. med. Włodzimierz Więckiewicz |
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**Signature of Faculty Dean**  |
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