|  |
| --- |
| **Syllabus 2020/2021****training cycle: Recruitment 2016/2017** |
| **Description of the course** |
| **Module/Course** | **Dental Radiology** |
| **Faculty** | English Division, Faculty of Dentistry |
| **Major**  | Faculty of 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 X part-time |
| **Year of studies**  | V | **Semester** **IX** | X Winter Summer |
| **Type of course** | X obligatory limited choice free choice / elective  |
| **Course** | X major basic |
| **Language of instruction** |  Polish X 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** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Summer Semester** |
|  |  |  |  |  | 15 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL per year: 15** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Educational objectives** (max. 6 items)**C1. To familiarize students with the modern methods of radiological diagnostics, techniques, and methods of radiological imaging of the facial part of the skull.****C2. To learn to interpret radiological images in the field of dentistry.****C3. To acquaing students with knowledge about radiation protection and the safety of radiological procedures.** |
| **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**  |  **F.W21.** | Knows the principles of radiological diagnostics | oral answer, written test | CC |
| **W 02**  |  **B.W9.** | Knows the principles of radiological protection  | oral answer, written test | CC |
| **W03**  |  **F.W21.** | Knows the radiological anatomy of the craniofacial area | oral answer, written test | CC |
| **W04**  | **F.W21.** | Knows the diagram of the description of radiological images | oral answer, written test | CC |
| **W 05** | **B.W9.** | Knows techniques and methods of radiological imaging of the facial part of the skull | oral answer, written test | CC |
| **U 01**  |  **F.U14** | Formulates research problems related to his work | oral answer  | CC |
| **U 02**  |  **F.U15**  | Interpretes orthopanthomograms | oral answer | CC |
| **U 03**  |  **F.U15** | Interpretes intraoral radiological images | oral answer | CC |
| **U 04** | **F.U15** | Interpretes CBCT images | oral answer | CC |
| **U05** | **F.U15** | Interpretes intraoral bitewings images | oral answer | CC |
| **K 01** |  | Works in a group while learning how to interpret radiological images | work in the students group under a teacher control | CC |
| **K02** |  | Demonstrates the ability to interpret radiological images to other students | work in the students group under a teacher control | 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: +++Skills: +++Social competences: + |
| **Student's amount of work (balance of ECTS points)** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |
| 1. Contact hours: | 15 |
| 2. Student's own work (self-study): | 10 |
| Total student's workload | 25 |
| **ECTS points for module/course** | 1 |
| 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****Not applicable** |
| **Seminars****Not applicable** |
| **Practical classes**1. Intraoral and extraoral radiological images
2. Computed tomography and magnetic resonance imaging
3. Other radiological techniques
 |
| **Other****…** |
| **Basic literature** (list according to importance, no more than 3 items)1. E. Whaites,N.Drage. Essentials of Dental Radiography and Radiology.5 -Edition Churchill  Livingstone, 2013 2. S.C.White, M.J.Pharoah.: Oral Radiology:Principles and Interpretation, Mosby, 2014 3. P. Dayal, L.C.Naidog.: Dentomaxillofacial Radiology, Jaypee,2007**Additional literature and other materials** (no more than 3 items)1. F. Stabulas-Savage.: Radiology for the Dental Professional , 8 – edition, Elsevier2. G. Ananad Kumar.: A short Textbook of Oral Radiology, Jajpee, 20043. Anil Govindrao Ghom.: Textbook of Oral Radiology, Elsevier, 2008 |
| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…)**Multimedia projector, base of the radiological pictures** |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)1. Presence of the student list from Dean’s office2. Acquaintance of instruction book of work in Oral Surgery Department |
| **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.Positive estimates from oral answers and writing tests. |
|  |
| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) |  |
| Good Plus (4.5) |  |
| Good(4.0) |  |
| Satisfactory Plus (3.5) |  |
| Satisfactory (3.0) |  |
|  |
|

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name and address of module/course teaching unit, contact: telephone and e-mail address**Oral Surgery Department / Katedra i Zakład Chirurgii StomatologicznejUl. Krakowska 26, 50-425WrocławTel. 71 -784-02-51, e-mail: jolanta.pilarska@umed.wroc.pl**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**lek. dent. Artur Pitułaj / arturpitulaj@gmail.com **List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.**dr n. med. Cyprian Olchowy (adiunkt, specjalista radiologii)Clinical classesdr n. med. Artur Błaszczyszyn (adiunkt, specjalista chirurgii stomatologicznej) Clinical classesdr n. med. Paweł Kubasiewicz-Ross (adiunkt, specjalista chirurgii stomatologicznej) Clinical classeslek.dent. Jakub Hadzik (asystent) Clinical classeslek.dent. Artur Pitułaj (asystent)Clinical classeslek.dent. Paweł Popecki (asystent)Clinical classes

|  |  |
| --- | --- |
| **Date of Syllabus development**  | **Syllabus developed by**  |
| ………………………………………….. |  Lek. dent. Artur Pitułaj |
| **Signature of Head of teaching unit** |
| ……………....……………………………………………………………… |

**Signature of Faculty Dean**  |
| ……………....……………………………………………………………… |
|  |

 |
|  |
|  |