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| **Syllabus 2020/2021**  **training cycle: practical clinical education** | | | | | | | | | | | | | | | | | | | | |
| **Description of the course** | | | | | | | | | | | | | | | | | | | | |
| **Module/Course** | | | | | | **Paediatrics** | | | | | | | | | | | | | | |
| **Faculty** | | | | | | English Division – Faculty of Dentistry | | | | | | | | | | | | | | |
| **Major** | | | | | |  | | | | | | | | | | | | | | |
| **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** | | | | | | 04 | | | | | | **Semester**  **08** | | | Winter  X 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** | | | | | | | | | | | | | | | | | | | | |
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| **Summer Semester** | | | | | | | | | | | | | | | | | | | | |
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|  | | | 10 |  |  | |  | 35 |  |  |  | |  |  |  |  | |  |  | |
| **TOTAL per year: 45** | | | | | | | | | | | | | | | | | | | | |
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| **Educational objectives** (max. 6 items)  **C1. The student learns distinct developmental age of the child.**  **C2. The student becomes familiar with the principles of nutrition of healthy and sick children, with particular emphasis on breastfeeding.**  **C3. The student learns the principles of subjective and objective examination of children.**  **C4. The student learns the basic symptomatology of childhood diseases.**  **C5. The student becomes familiar with the proceedings in a life-threatening condition in children.** | | | | | | | | | | | | | | | | | | | | |
| **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** | |  | | | | The student knows the principles of natural and artificial feeding, expansion schemes diet. Explains the principles of balance sheet health.  The student knows the basic methods of the medical examination, the role of additional tests in the diagnosis and treatment of childhood diseases  Student presents etiopathogenesis and symptomatology of diseases of the nervous system, respiratory, haematological, urinary, endocrine, and gastrointestinal tract.  The student recognizes life-threatening situations, knows the rules of conduct, know when to refer a patient to the hospital. | | | | | | | Oral answer  Oral answer  Oral answer  Oral answer | | | | L, CC  L, CC  L, CC  L, CC | | | |
| **U 01** | |  | | | | The student conducts medical history of the child and his guardian.  The student describes the somatic and mental state of the patient and presents selected anthropometric parameters on percentile charts.  The student interprets the results of additional basic research, draws conclusions from research.  The student performs basic medical procedures and treatments: temperature, pulse, blood pressure, monitoring of vital signs using a cardio-monitor, pulse oximeter, and assist with intramuscular and subcutaneous injection.  The student recognizes life-threatening situations, and gives | | | | | | | Continuous assessment during exercise by the teacher. Oral response during exercise.  Continuous assessment during exercise by the teacher. Oral response during exercise.  Continuous assessment during exercise by the teacher. Oral response during exercise  Continuous assessment during exercise by the teacher. Oral response during exercise | | | | CC  CC  CC  CC | | | |
| **K 01** | |  | | | | Please name ca. 203 attitudes – exemplary verb to determine education result as attitude forming: creates, willingly participates, cooperates in a group, actively participates | | | | | | | Continuous assessment during exercise by the teacher. Oral response during exercise | | | | 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: | | | | | | | | | | | | | | 45 | | | | | | |
| 2. Student's own work (self-study): | | | | | | | | | | | | | | 25 | | | | | | |
| Total student's workload | | | | | | | | | | | | | | 70 | | | | | | |
| **ECTS points for module/course** | | | | | | | | | | | | | | 2 | | | | | | |
| 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**  1. Child’s development, the impact of endo-and exogenous factors on development and congenital malformations, including the craniofacial region. Diseases of the lips, tongue, oral cavity, salivary glands and lateral nose cavities..  2. Selected topics of pediatric gastroenterology  3. Selected topics of the respiratory tract.  4. Diatheses: plasmatic, platelet, vascular. Pediatric anemias.  5. Selected topics of pediatric nephrology. | | | | | | | | | | | | | | | | | | | | |
| **Seminars none**. | | | | | | | | | | | | | | | | | | | | |
| **Practical classes**  1. The rules of newborn and infant nursing. Breast feeding. The advantages and features of mother’s milk. Formula feeding, content of infant formulas. Physical examination and history taking – pediatric peculiarities.  2. The child’s psychophysical development, methods of assessment, developmental charts. Measurement of length, body mass, blood pressure, respiratory rate and pulse. Dentition in various developmental periods. Physical examination - cd.  3. Rickets in children. Vitamin A, C, B2, B6 deficiency. Convulsive states in children, causes, treatment.  4. Diseases of the respiratory tract: acute and chronic inflammatory disorders, asthma.  5. Selected hematological issues and cancers in children.  6. Kidney diseases: urinary tract infection, kidney stone disease, glomerulonephritis, renal failure.  7. Selected endocrinological aspects: diabetes, hypo-/typerthyreosis, adrenal cortical insufficiency/Cushing syndrome.  8. Connective tissue diseases: lupus nephritis, juvenile idiopathic arthritis.  9. Abdominal pain in children - causative factors, diagnostics, acute and chronic diarrheas.  10. Selected topics of cardio-vascular disease in children  11. Pediatric emergencies: diagnosis and treatment.  12. Final test and credit gaining. | | | | | | | | | | | | | | | | | | | | |
| **Other** | | | | | | | | | | | | | | | | | | | | |
| **Basic literature** (list according to importance, no more than 3 items)  1. Pediatrics Tom Lissauer, Graham Clayden eds.  2. Bates’ guide to physical examination and history taking Lynn E.Bickley  3. Nelson’s Pediatrics  **Additional literature and other materials** (no more than 3 items)  1.  2.  3. | | | | | | | | | | | | | | | | | | | | |
| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…)  Projector, patient histories, stethescope, sphingometer. | | | | | | | | | | | | | | | | | | | | |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course) | | | | | | | | | | | | | | | | | | | | |
| **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.  Presence during classes, oral assessment during exercise, oral exam. | | | | | | | | | | | | | | | | | | | | |
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| **Grade:** | | | **Criteria** (only for courses/modules ending with an examination) | | | | | | | | | | | | | | | | | | |
| Very Good  (5.0) | | | Knowledge of more than 90% of topics | | | | | | | | | | | | | | | | | | |
| Good Plus  (4.5) | | | Knowledge of 85 -90% of topics | | | | | | | | | | | | | | | | | | |
| Good  (4.0) | | | Knowledge of 80 - 84% of topics | | | | | | | | | | | | | | | | | | |
| Satisfactory Plus  (3.5) | | | Knowledge of 70 - 79% of topics | | | | | | | | | | | | | | | | | | |
| Satisfactory  (3.0) | | | Knowledge of 60 - 69% of topics | | | | | | | | | | | | | | | | | | |
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| **Name and address of module/course teaching unit, contact: telephone and e-mail address**  Prof. dr hab. Irena Makulska, 71 736 44 20, [irena.makulska@umed.wroc.pl](mailto:irena.makulska@umed.wroc.pl)  Adiunkt dydaktyczny: anna.medynska@umed.wroc.pl  **Coordinator / Person responsible for module/course, contact: telephone and e-mail address**  …………………………………………………………………………………………………………………………………………………………  **List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.  **Doctors of Department of Clinical Nephrology and Department of**   |  |  | | --- | --- | | **Date of Syllabus development** | **Syllabus developed by** | | ………………………………………….. | Prof. dr n. med. Irena Makulska  Dr n. med. Anna Medyńska | | **Signature of Head of teaching unit** | | | …………………………………………………… | | | | | | | | | | | | | | | | | | | | |
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