

**Faculty of Medicine / HEALTH CARE /**

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| <b>Course:</b>                       |  |                 |                     |   |
| <b>Course ID</b>                     | <b>Course status</b>   | <b>Semester</b> | <b>ECTS credits</b> | <b>Lessons</b> (Lessons+Exercises+Laboratory) |
| 13989                                | Mandatory  | 1               | 7                   | 2+4+0   |
| <b>Programs</b>                      | HEALTH CARE  |                 |                     |   |
| <b>Prerequisites</b>                 | Not  |                 |                     |   |
| <b>Aims</b>                          | Objectives of studying the course: the aim of the course is to acquaint students with the most modern standards and principles of health care in pediatrics, to master and apply the process of health care independently and in teamwork; to apply the skills of nursing practice in diagnostic and therapeutic procedures and educational work with parents and children.  |                 |                     |   |
| <b>Learning outcomes</b>             | Learning outcomes (aligned with the outcomes for the study program): After completing the course, the student is: 1. He is qualified to assess the growth and development and disorders of the child's growth and development. 2. He nursing interventions in pediatrics. 3. Apply standards and principles in the care and treatment of children in all areas of health care in pediatrics. 4. Recognizes and is qualified to solve emergency situations in pediatrics 5. Ability to work educationally with parents and children. is qualified to assess and analyze the health condition of children and apply standards and norms. |                 |                     |   |
| <b>Lecturer / Teaching assistant</b> | Prof. dr Divna Kekuš and Doc. dr Lidija Banjac   |                 |                     |   |
| <b>Methodology</b>                   | Education methods: Interactive teaching, lectures, exercises, colloquium, independent student activities, practical work, consultations  |                 |                     |   |
| <b>Plan and program of work</b>      |  |                 |                     |   |
| Preparing week                       | Preparation and registration of the semester   |                 |                     |   |
| I week lectures                      | Specifics of health care and protection of healthy and sick children Standards in the application of health care processes in pediatrics, Specificities of modern pediatric care:  |                 |                     |   |
| I week exercises                     | Observation, participation in physical examination   |                 |                     |   |
| II week lectures                     | Prenatal diagnostics, modern genetic research Nursing interventions in neonatology, assessment of vitality, birth trauma   |                 |                     |   |
| II week exercises                    | Treatment of children in hospital conditions, prevention of hospital infections  |                 |                     |   |
| III week lectures                    | Basics of child growth and psychomotor development, Disorders of growth, development, sexual maturation.   |                 |                     |   |
| III week exercises                   | Exercises: Nursing interventions in developmental counseling, measurements   |                 |                     |   |
| IV week lectures                     | Natural nutrition, nutrition - milk formulas, eating disorders   |                 |                     |   |
| IV week exercises                    | Exercises: Nursing interventions to promote the natural nutrition of children - breastfeeding, milk formula.   |                 |                     |   |
| V week lectures                      | Standardized nursing procedures and nutrition interventions Health care of a child on artificial ventilation Nursing interventions in diagnosis and treatment  |                 |                     |   |
| V week exercises                     | Exercises: Standardized procedures, nursing interventions in the care of a child on artificial ventilation   |                 |                     |   |
| VI week lectures                     | 5. Health care of children with diseases of the respiratory system, upper and lower respiratory tract infections, asthma, cystic fibrosis, pleural diseases, nursing interventions in pulmonology  |                 |                     |   |
| VI week exercises                    | Exercises: nursing standardized procedures: determination of breathing frequency; Care of a child on mechanical ventilation  |                 |                     |   |
| VII week lectures                    | Health care of children with endocrinological disorders  |                 |                     |   |
| VII week exercises                   | Exercises: Standardized procedures and nursing interventions in children with diabetes mellitus  |                 |                     |   |
| VIII week lectures                   | Standardized procedures in the care of children with diabetic ketoacidosis Principles of parent and child education  |                 |                     |   |
| VIII week exercises                  | Exercises: Education of parents and children with self-administration of insulin and other types of educational counseling work. Examples from paraxa Acute problems related to insulin therapy  |                 |                     |   |
| IX week lectures                     | Standards of child health care in gastroenterology and hepatology, general signs and symptoms, Nursing interventions   |                 |                     |   |
| IX week exercises                    | Exercises: Standardized procedures in gastroenterology and hepatology  |                 |                     |   |

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| X week lectures  | Standards of health care in cardiology Nursing interventions in cardiology  |  |  |  |  |                                    |
| X week exercises   | Exercises: Standardized procedures and nursing interventions in cardiology  |  |  |  |  |                                    |
| XI week lectures   | Immunological and allergic problems in children, Immunity, Immunization in children is mandatory and optional   |  |  |  |  |                                    |
| XI week exercises  | Exercises. Nursing interventions and standardized procedures in the care and treatment of children with immunological problems, immunization standards  |  |  |  |  |                                    |
| XII week lectures  | Standards and principles of health care in hematology and oncology Principles of health care  |  |  |  |  |                                    |
| XII week exercises   | Exercises: Standards and nursing interventions in the care and treatment of children with hematological and oncological problems, Nursing interventions in oncology, work with parents and children.  |  |  |  |  |                                    |
| XIII week lectures   | Standards of child health care in nephrology, general signs and symptoms. Nursing interventions and standardized procedures in hemostasis disorders, applications of transfusion in pediatrics.   |  |  |  |  |                                    |
| XIII week exercises  | Exercises: Nursing interventions and standardized procedures for disorders in nephrology, principles of hemostasis, applications of transfusion in pediatrics.  |  |  |  |  |                                    |
| XIV week lectures  | Nursing interventions and standardized procedures for disorders and diseases in children from the field of neuropsychiatrics. Disorders of the state of consciousness   |  |  |  |  |                                    |
| XIV week exercises   | Exercises: Nursing interventions and standardized procedures in disorders of the state of consciousness. Standards of health care in febrile convulsions  |  |  |  |  |                                    |
| XV week lectures   | Standards and procedures of health care in emergency conditions in pediatrics;  |  |  |  |  |                                    |
| XV week exercises  | Nursing interventions and procedures in emergency situations in pediatrics, Principles of resuscitation.  |  |  |  |  |                                    |
| <b>Student workload</b>  | In the semester Teaching and final exam: (9.33 hours) x 16 = 149.33 hours Necessary preparations before the beginning of the semester (administration, registration, certification): (9.33 hours) x 2 = 18.66 hours Total workload for the course: 7 x 30 = 210 hours Additional work for exam preparation in the remedial exam period, including taking the remedial final exam: from 0 to 60 hours (remaining time from the first two items to the total workload for the subject 300 hours) Load structure: 149.33 hours (classes and final exam) + 18.66 hours (preparation) + 42 hours (supplementary work). |  |  |  |  |                                    |
| <b>Per week</b>  |   |  | <b>Per semester</b>  |  |  |                                    |
| <b>7 credits x 40/30=9 hours and 20 minuts</b><br>2 sat(a) theoretical classes<br>0 sat(a) practical classes<br>4 excercises<br><b>3 hour(s) i 20 minuts</b><br>of independent work, including consultations |   |  | Classes and final exam:<br><b>9 hour(s) i 20 minuts x 16 =149 hour(s) i 20 minuts</b><br>Necessary preparation before the beginning of the semester (administration, registration, certification):<br><b>9 hour(s) i 20 minuts x 2 =18 hour(s) i 40 minuts</b><br>Total workload for the subject:<br><b>7 x 30=210 hour(s)</b><br>Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item)<br><b>42 hour(s) i 0 minuts</b><br>Workload structure: <b>149 hour(s) i 20 minuts (courses), 18 hour(s) i 40 minuts (preparation), 42 hour(s) i 0 minuts (additional work)</b> |  |  |                                    |
| <b>Student obligations</b>   |   |  | Obligations of students during classes: Regular attendance of classes, exercises, preparation of seminar paper, colloquium.  |  |  |                                    |
| <b>Consultations</b>   |   |  | Regular consultations  |  |  |                                    |
| <b>Literature</b>  |   |  | Literature: 1. Marinković Lj., Stojanović B, Damjančević N. Neonatal Care., VZŠSS Belgrade, Belgrade, 2013. 2. Bokonjić D., Milutinović D. Basics of pediatric care, Faculty of Medicine Foča 2011. 3. Marinković LJ., Health Care in Pediatrics, G.A.D. Belgrade, 2007. 4. Berman R., Kligman R., Jenson H. Nelson. Textbook of pediatrics, volumes 1 and 2. Belgrade: Bard-Fin, 2009.  |  |  |                                    |
| <b>Examination methods</b>   |   |  | Forms of knowledge testing and assessment: Class attendance: 10 points, Exercises 10, Colloquium 30 points; Final exam (oral) up to 50 points. A passed exam means a cumulative score of 50 points or more.  |  |  |                                    |
| <b>Special remarks</b>   |   |  |  |  |  |                                    |
| <b>Comment</b>   |   |  |  |  |  |                                    |
| <b>Grade:</b>  | F   | E  | D  | C  | B  | A                                  |
| <b>Number of points</b>  | less than 50 points   | greater than or equal to 50 points and less than 60 points | greater than or equal to 60 points and less than 70 points   | greater than or equal to 70 points and less than 80 points | greater than or equal to 80 points and less than 90 points | greater than or equal to 90 points |