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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine Foča | | | | | | | | | | | logo | | | |
| ***Study program: Nursing*** | | | | | | | | | | |
| I study cycle | | | | | | II study year | | | | |
| **Full subject title** | | | HEALTHCARE OF HEALTHY AND ILL CHILDREN WITH PEDIATRICS | | | | | | | | | | | | | | |
| **Department** | | | Department of Pediatrics, Faculty of Medicine Foča | | | | | | | | | | | | | | |
| **Subject code** | | | | | | **Subject status** | | | | | **Semester** | | | **ECTS** | | | |
|
| NU-04-1-025-4 | | | | | | compulsory | | | | | IV | | | 6 | | | |
| **Professor/ -s** | | Full professor Dejan Bokonjić, associate professor Biljana Milinović, assistant profesor Andrijan Sarajlija | | | | | | | | | | | | | | | |
| **Associate/ - s** | | Senior assistant Tanja Gavrilović Elez, senior assistant Vladimir Turuntaš, senior assistant Goran Popović | | | | | | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | | **Individual student workload**  **(in hours per semester)** | | | | | | | | **Coefficient of student workload So[[1]](#footnote-1)** | | |
| **L** | **E** | | | | **LE** | | **L** | | | **E** | | **LE** | | | **So** | | |
| 2 | 3 | | | | 0 | | 10 | | | 15 | | 80 | | | 0,33 | | |
| total teaching workload (in hours, per semester) 30+45+0=75 | | | | | | | | total student workload (in hours, per semester)  10+ 15 + 80=105 | | | | | | | | | |
| Total subject workload (teaching + student): 75+ 105= 180 hours per semester | | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | Upon completion of this course, students are expected to acquire basic knowledge in the following areas:   1. Taking anamnesis and conducting a physical examination of a child. 2. Formulating nursing diagnoses. 3. Basic knowledge in pediatric nursing. 4. Documentation management. 5. Mastering basic nursing procedures in pediatrics: catheterization of the urinary bladder, IV injection administration, insertion of an intravenous cannula, intramuscular injection, placement of a nasogastric tube, resuscitation of a small and large child, swaddling and bathing a newborn, enema, incubator maintenance, therapy distribution, etc. | | | | | | | | | | | | | | | |
| **Preconditions** | | The course is contingent upon passing the exam with code ЗЊ-04-1-015-3 | | | | | | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises, colloquium | | | | | | | | | | | | | | | |
| **Subject content per week** | | **Lectures:**   1. Introduction to Pediatrics, the role of the pediatric nurse, nursing diagnoses, and care planning in pediatrics, basic nursing procedures in pediatrics. Communication skills, delivering news. 2. Genetics: Monogenic inheritance, inherited metabolic disorders, prenatal diagnostics, nursing interventions. 3. Neonatology: Assessment of newborn vitality, birth trauma, congenital malformations, perinatal asphyxia, respiratory disorders in newborns, neonatal jaundice, hypoglycemia, seizures, infections, hemorrhagic disease, prematurity, nursing interventions in neonatology. 4. Growth and Development: Psychomotor development of the child, growth and growth disorders, puberty, disorders of sexual maturation, sexual issues, nursing interventions in developmental counseling. 5. Nutrition and Nutritional Disorders: Natural nutrition, breast milk, contraindications for breastfeeding, complementary food nutrition, milk formulas, number of daily meals, nutrition of infants and school-aged children, parenteral nutrition, dystrophy, atrophy, kwashiorkor, obesity, atherosclerosis. 6. Water and Electrolyte Metabolism: Water and electrolytes, acid-base balance, dehydration, rehydration, acidosis, alkalosis. 7. Endocrinology: Diabetes, rickets, diseases of the thyroid and parathyroid glands, diseases of the adrenal cortex, cryptorchidism, diabetes mellitus, nursing interventions in endocrinology. 8. Gastroenterology: Methods of examining the gastrointestinal tract (GIT). General signs and symptoms, diseases of the mouth, congenital anomalies and diseases of the esophagus, stomach, small and large intestines, gastroenteritis, intestinal parasites, malabsorption syndrome, inflammatory bowel diseases, acute appendicitis, GIT tumors, liver and biliary tract diseases, acute pancreatitis, nursing interventions in gastroenterology. 9. Pulmonology: Infections of the upper and lower respiratory tract, tuberculosis, asthma, cystic fibrosis, foreign body in the bronchus, pleural diseases, nursing interventions in pulmonology. 10. Cardiology: Congenital heart defects, bacterial endocarditis, myocarditis, pericarditis, cardiac arrhythmias, cardiomyopathy, heart failure, nursing interventions in cardiology. 11. Immunology and Allergology: Immunity, immunodeficiencies, rheumatic diseases, systemic diseases, allergic diseases. 12. Hematology and Oncology: Anemias, enlargement of lymph nodes, diseases of the white blood cells, solid tumors, coagulation disorders, transfusion in pediatrics, nursing interventions in hematology. 13. Neuro-pediatrics: Disorders of consciousness, febrile convulsions, epilepsy, cerebral palsy, syncope, affective respiratory spasms, headaches, neuromuscular diseases, developmental anomalies of the CNS. 14. Nephrology: Urinary tract infections, urinary tract anomalies, hematuria, proteinuria, nephrotic syndrome, glomerulonephritis, arterial hypertension, nephrolithiasis, renal insufficiency, nursing interventions in nephrology. 15. Palliative Care 16. Resuscitation and Emergency Conditions in Pediatrics.   **Exercises:**   1. Anamnesis and Physical Examination. 2. Nursing Diagnoses. 3. Medical Documentation, Opening of the Medical History, Discharge, Therapy List, Temperature Chart. 4. Basic Nursing Procedures in Pediatrics. 5. Anthropometric Measurements. 6. Therapy Division. 7. Nursing Care and Nursing Procedures in Pulmonology. 8. Nursing Care and Nursing Procedures in Cardiology. 9. Nursing Care and Nursing Procedures in Nephrology. 10. Nursing Care and Nursing Procedures in Neurology 11. Nursing Care and Nursing Procedures in Neonatology. 12. Nursing Care and Nursing Procedures in Endocrinology and Gastroenterology. 13. Emergency Conditions. Nursing Procedures and Interventions in Intensive Care. 14. Communication Skills and Teamwork. 15. Clinical Skills. | | | | | | | | | | | | | | | |
| **Compulsory literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | **Pages (from-to)** | | |
| [Thomas K. McInerny](https://www.google.ba/search?hl=hr&tbo=p&tbm=bks&q=inauthor:%22Thomas+K.+McInerny%22&source=gbs_metadata_r&cad=1). | | | | American Academy of Pediatrics Textbook of Pediatric Care | | | | | | | | | 2009 | |  | | |
| **Additional literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | **Pages (from-to)** | | |
|  | | | |  | | | | | | | | |  | |  | | |
| **Student responsibilities, types of student assessment and grading** | | **Grading policy** | | | | | | | | | | | **Points** | | | **Percentage** | |
| Pre-exam activities | | | | | | | | | | | | | | | |
| lecture/exercise attendance | | | | | | | | | | | 20 | | | | 20% |
| colloquium | | | | | | | | | | | 30 | | | | 30% |
| Final exam | | | | | | | | | | | | | | | |
| written | | | | | | | | | | | 50 | | | | 50% |
| TOTAL | | | | | | | | | | | 100 | | | | 100 % |
| **Certification date** | | December 2024. | | | | | | | | | | | | | | | |

1. The coefficient of student workload So is calculated as it follows:

   а) for the study programs not going through the licensing process: So = (total workload in semester for all of the subjects 900 hrs – total teaching workload L+E in semester for all of the subjects 870 hrs)/ total teaching workload L+E in semester for all of the subjects \_\_\_\_\_ hrs = \_\_\_\_. Consult form content and its explanation.

   b) for the study programs going through the licensing process, it is necessary to use form content and its explanation. [↑](#footnote-ref-1)