

Course title	Pediatrics		
Code	MFE602		
Course teacher	Prof. dr. Vjekoslav Krželj	556-793	krzelj@kbsplit.hr
Status of the course	Mandatory		
Year	6 th		
Type of instruction (number of hours)	Lecture 60 Seminar 70 Practical skills 100	Total 230	
ECTS	14		
Teachers	Adela Arapović, dr. med.; Višnja Armanda dr. med.; mr.sc. dr. Fani Balarin, prof. dr. Vida Čulić; doc.dr. Slavica Dajak; Ranka Despot dr. med.; Slavica Dragišić, dr. med.; mr. sc. dr. Josipa Glavaš; univ.mag.med. Željka Karin; prof. dr. Vjekoslav Krželj; mr. sc. dr. Tanja Kovačević; doc. dr. R. Kuzmanić Šamija; doc. dr. Bernarda Lozić; dr. Karolina Malić Tudor dr. med.; doc. dr. Joško Markić; Eugenija Marušić, dr. med.; prof. dr. Julije Meštrović; dr. Marija Meštrović, dr. med.; Vitomir Metličić, dr. med.; prof. Irena Mišetić, spec. psychologist; prof. dr. Neven Pavlov; Jasna Petrić dr. med.; doc.dr. Branka Polić; prof. dr. Dragan Primorac; mr. sc. dr. Sandra Prgomet; prof. dr. Mirjana Rumboldt; prof. dr. Marijan Saraga; dr. Saša Sršen, dr. med.; dr. Luka Stričević, dr. med.; prof. dr. Veselin Škrabić; mr. sc. dr. Marija Šonjić; mr. sc. dr. Maja Tomasović; doc. dr. Ivana Unić; Anita Ursić, dr. med. spec.; doc. dr. Orjena Žaja; Vanda Žitko, dr. med.		
Learning outcomes	<ol style="list-style-type: none"> 1. Identify, describe and explain the most important characteristics of children growth and development Identify, describe and explain the most important characteristics of neuromuscular, cardiovascular, respiratory, kidney, gastrointestinal and endocrine system diseases. 2. Describe, discriminate and explain diagnosis and treatment of children diseases. 3. Name and explain changes that occur in each system as a consequence of deviation of parameters within and outside of physiological limits. 4. Critically judge educational materials (textbooks and lectures), participate in argumentative discussions and construct opinions. 5. Apply adopted knowledge to predict function of system in the future. 6. Compare similarities and differences in function between different systems in our body. 7. Use acquired theoretical knowledge for solving practical problems. 8. Perform and practice measurement of selected physiological parameters, and explain collected results. 9. Construct and analyze diagrams showing relations between two or more parameters, predict behavior of the system in changed conditions. 		
Course content broken down in detail by weekly class schedule	Mother and child's health care with statistical data analysis; Accidents in children; Nutrition and nutritional disorders; Hereditary diseases of metabolism, detection and treatment; Disorders of electrolyte solution conduct and acid-base equilibrium; Children propedeutics; Acute and chronic kidney failure, Congenital nephropathy; Anomalies and infections of the urinary system; Diseases of the newborn infant; Infections of the respiratory system; Seizures in childhood and epilepsy; Diseases of pituitary, thyroid and parathyroid gland; Monogenetic and polygenetic congenital diseases; Chromosome anomalies and pre-natal fetus damage, developmental brain and		

	<p>cranium anomalies; Neurocutaneous syndromes; Brain tumors and craniocerebral injuries; Neuromuscular diseases and heredo-degenerative diseases of the CNS; Diseases of Ca and P metabolism; Rickets; Diseases of the skeletal system; Psychomotor development; History taking and neurological condition; Development and particularities of the haematological system; Diagnosis and differential diagnosis of growth disorders; Perinatal brain damage-cerebral palsy; Vitamins and trace elements in child nutrition; Particularities of the immune system, Immune deficiency; Laboratory diagnostics and heart diseases; Hyperbilirubinemia in the newborn; Antenatal and postnatal diagnosis of hereditary diseases; Genetic counselling; Antibiotics therapy; High temperature-importance and procedure; Sudden infant death syndrom; Prevention of diseases; Cardiovascular failure; Principles of reanimation and follow-up of a seriously ill child; Congenital and acquired heart failures; ADHD (attention deficit hyperactive disorders); Multiple sclerosis; Rheumatoid diseases; Pericarditis, miocarditis, endocarditis; Diabetes mellitus; Diabetes insipidus. Diseases of liver, gall bladder and pancreas; Diseases of red blood cells; Ulcer; Constipation; Chronic intestinal diseases (Chron's disease, ulcerative colitis, acute and chronic diarrhoea). Coagulation diseases; Sexual development disorders; Suprarenal gland diseases; Tubulointerstitial nephritis; Urolithiasis; Diseases of white blood cells; Solid tumors.</p>
Recommended literature	Nelson Textbook of Pediatrics, Edition 20 th ed. Philadelphia: Saunders Elsevier, 2016. - selected chapters
Additional literature	Duško Mardešić i suradnici, Pedijatrija. Školska knjiga, Zagreb, 2016.
Forms of teaching	Lectures, seminars, practical skills
Method of knowledge assessment and examination	Written test and final exam. Final exam consists of practical and oral part.
Language of teaching and possibilities of attending classes in other languages	English (also possible in Croatian)