

Study program: Integrated academic studies in dentistry
Type and level of the study program: Integrated academic studies
Course title: General medicine (DIII-GMED)
Teacher: <i>Department of General Medicine:</i> Vojnović A. Matilda; <i>Department of Dermatovenereology:</i> Gajinov T. Zorica, Gajić M. Branislava, Ivkov Simić Đ. Milana, Matić B. Milan, Roš N. Tatjana; <i>Department of Infectious Diseases:</i> Brkić V. Snežana, Lendak F. Dajana, Marić T. Daniela, Ružić S. Maja; <i>Department of Neurology:</i> Gebauer Bukurov E. Ksenija, Živanović D. Željko, Jovanović I. Aleksandar, Rabi Žikić J. Tamara, Semnic D. Marija, Simić S. Svetlana; <i>Department of Psychiatry and Medical Psychology:</i> Golubović T. Boris, Živanović V. Olga, Ivanović Kovačević M. Svetlana, Knežević A. Vladimir, Ratković S. Dragana; <i>Department of Pediatrics:</i> Vijatov Đurić V. Gordana, Vorgučin I. Ivana, Kavečan I. Ivana, Kolarović L. Jovanka, Milanović D. Borko, Redžek Mudrinić B. Tatjana; <i>Department of Gynaecology and Obstetrics:</i> Bjelica L. Artur, Bogavac A. Mirjana, Vejnović R. Tihomir, Grujić S. Zorica, Ilić L. Đorđe, Mandić D. Aljoša, Milatović V. Stevan, Mladenović Segedi S. Ljiljana, Petrović S. Đorđe, Četković B. Nenad, Čurčić B. Aleksandar
Course status: compulsory
ECTS Credits: 5
Condition: General and oral pathology; Pathophysiology; General pharmacology
Course aim To introduce students with basic knowledge of the following items: dermatology, neurology, infectious diseases, pediatrics, psychiatry and gynecology, as well as introduction to the organization of primary health care and health centers, which will enable high quality and professional work after undergraduate.
Expected outcome of the course: Students should acquire knowledge in these subjects that will enable them to perform reliable differential diagnosis of dental diseases. Also, they must acquire sufficient knowledge in the field of general medicine, which will provide basis to clinical courses in the process of study. Students should know the etiology, clinical picture of the disease, the necessary laboratory and other tests with a purpose of establishing the diagnosis, as well as basic principles of therapy. Developing skills of conversation with patients, taking medical history and establishing the diagnostic hypothesis and differential diagnosis. Internal, neurological, psychiatric and pediatric examination, taking swabs of the ear, nose, skin changes, making microscopic preparations . . . Methods of lumbar puncture, puncture and incision of skin changes, administration of i. m and i. v. injection. Knowing how to interpret routine laboratory findings, bacteriological and virological findings, and x-ray etc. Distinguishing efflorescentiations on the skin. Identifying psychiatric and neurological conditions in patients.
Course description <i>Theoretical education</i> 1. DERMATOLOGY: Parasitic, fungal and bacterial skin diseases; viral skin diseases; Erythemosquamous dermatitis, Papulous dermatitis; Allergodermatoses; Bullous dermatoses; Autoimmune skin diseases; Circiulary skin diseases; Skin Tumors; Changes in the mucous membranes in the mouth; Allergic changes in the oropharyngeal mucosa; Sexually transmitted diseases. 2. INFECTIOUS DISEASES: The syndrome of angina; Infectious mononucleosis and herpes virus infections; Parotitis epidemica; neuroinfections and meningeal syndrome; tetanus and botulism; HIV and AIDS, General characteristics of viral infection; Viral hepatitis A, B, C, D and E. 3. NEUROLOGY: Cranial nerves; Headaches and neuralgia; Epileps; Cerebrovascular disease; Extrapyramidal disorders. 4. PEDIATRICS: Haemostasis disorders, allergy to local anesthetics and hereditary angioedem; Metabolic diseases; Chronic diseases; Children with hereditary diseases and congenital defects; Phuysiology and pathology of saliva immunosecretion; Convulsions. GYNAECOLOGY AND OBSTETRICS: Nutrition in pregnancy; Dental care during pregnancy. GENERAL MEDICINE: Role of preventive and curative dental care institution <i>Practical education: exercises, other forms of education, research related activities</i> Taking a medical history and interpretation of data; objective examination of the skin and visible mucous membranes; efflorescence; palpation of the regional lymph glands; vitopressure technique and interpretation of findings; skin scraping technique and the interpretation of findings; technique of taking material for native microscopic examination; electrocauterizatton techniques; excochleation techniques ; the basic principles of local dermatological therapy. Medical history and epidemiological surveys; physical examination, with special emphasis on the examination of the head and neck; meningeal signs; exanthema and enantanhema, prevention and prophylaxis of infectious diseases - and post-exposure prophylaxis, vaccination. Neurological examination; cranial nerves, cerebrovascular diseases, epilepsy; headaches and neuralgia Taking a psychiatric history; anxiety disorders; mood disorders. A history of pediatric patients; review of infant and child; haemophilia and thrombocytopenia; diabetes in dentistry; chronic diseases, allergic and immunogenic disease, disorders of bone development.
Literature: <i>Compulsory :</i> 1. Handouts – lectures 2. Fauci AS, Braunwald, Kasper ED, Hauser S, Longo D, Jameson JL, Loscalzo J. Harrison's Principles of Internal Medicine, 17 th ed., Mc Graw- Hill, 2008 3. Hay W, Levin M, Deterding R, Abzug M. Current Diagnosis and Treatment: Pediatrics, 2014. 4. Buxton P ABC of Dermatology, 4 th ed., BMJ Books, 2003. 5. Adams RD, Victor M, Ropper AH. Principles of neurology, Mc Graw- Hill, 2005. <i>Additional:</i> 1. Westover MB. Pocket neurology. Lippincott Williams and Wilkins 2016. 2. Flaws B. A Handbook of TCM Pediatrcs. Blue Poppy Press, 2006. 3. Buka B, Uliasz A, Krishnamurthy K. Buka's Emergencies in Dermatology, Springer, 2013. 4. Darwish A. Basic Gynecology – Some Related Issues. InTech, 2012.

5. Mandell, Douglas, Bennett's. Principles and practice of infectious diseases, 7th ed. Philadelphia: Elsevier, 2010.

Number of active classes				Other:
Lectures: 45	Practice: 30	Other types of teaching:	Research related activities:	

Teaching methods
Theoretical teaching, practical teaching

Student activity assessment (maximally 100 points)

Pre-exam activities	points	Final exam	points
Lectures	20	Written	50 (+10)*
Practices	20	Oral	
Colloquium	10*	
Essay			

* If the student passes the test, the points are added to the points acquired at final exam