

Course Title	Maternal/Child health II				
Course Code	MD520				
Course Type	Compulsory				
Level	1 st Cycle (MD)				
Year / Semester	5 th Year / 10 th Semester				
Teacher's Name	TBA				
ECTS	12	Lectures / week	6 hrs / 16 weeks	Laboratories / week	7 hrs/ 16 weeks
Course Purpose and Objectives	<p>The objective of the course is to familiarize students with</p> <ul style="list-style-type: none"> • The demonstration of the requisite knowledge, skills, and attitudes for effective patient-centered pediatric care and service to a diverse population. In all aspects of specialist practice, the graduate must be able to address issues of age, gender, sexual orientation, culture, ethnicity and ethics in a professional manner. • The process of normal growth of children from birth to adolescence and of growth abnormalities • The development of the cognitive and mental functions of children • The clinical manifestations, management and counselling of genetic disorders • The clinical manifestations, diagnosis, medical and surgical management and prevention of the diseases of children 				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Recall the morphological and functional characteristics of the newly-born, the child and the adolescent. • Describe the normal process of growth of the child and the adolescent. • Explain the cognitive, emotional and psychosocial development in childhood and adolescence. • Discuss the fundamentals of nutrition in the child. • Demonstrate that they know the characteristics of the premature new-born and their comprehensive care. • Discuss the fundamentals of diagnosis and genetic counselling. • Identify the most frequently encountered pediatric pathologies. • Diagnose the most frequently encountered pediatric pathologies by obtaining a past clinical history of the child, physical examination of the newly-born, infant, child and adolescent, indications and interpretation of the principal complementary studies used in paediatrics. 				

	<ul style="list-style-type: none"> • Manage the medical-surgical treatment of the most frequently encountered pediatric pathologies. 		
Prerequisites	None	Co-requisites	None
Course Content	<ul style="list-style-type: none"> • Normal growth and development of the newly-born, infant, child and adolescent. • Cognitive, emotional and psychosocial development in childhood and adolescence • Fundamentals of child nutrition. • Premature newly-born and its comprehensive care and neonatal care. • Childhood immunizations, prevention of disease and health promotion • Most frequently encountered paediatric pathologies. <ul style="list-style-type: none"> ○ Immune system and infections ○ Disorders of the metabolic, respiratory, circulatory, hematological, digestive, nephro-urological, endocrine, nervous, dermatological & musculoskeletal systems and of the eye and ear; ○ Hematological and solid malignancies; • Methods of diagnosis (history, physical examination and laboratory tests) of the above described diseases and conditions • Medical and surgical treatment and prevention of the above described diseases and conditions 		
Teaching Methodology	Face-to-face, Lectures, Practical exercises, Quizzes, Case Presentations, simulated patients, promoting differential diagnosis thinking		
Bibliography	<p>Nelson Textbook of Pediatrics; Richard Behrman / Kliegman, Robert M.; 19th; 978-1437707557; Saunders; 2011 Paediatrics and Child Health; Rudolf, M. / Levene, M.; 3rd; 978-1405194747; Wiley-Blackwell; 2011</p> <p>Harriet Lane Handbook of Pediatrics; 21th edition eBook ISBN: 9780323473705</p> <p>Red Book® 2018 Handbook; 31st Edition; Committee on Infectious Diseases; American Academy of Pediatrics; David W. Kimberlin, MD, FAAP; Michael T. Brady, MD, FAAP; Mary Anne Jackson, MD, FAAP; Sarah S. Long, MD, FAAP</p> <p>Current Diagnosis and Treatment Pediatrics; Hay W.M., Levin M.J., Sondheimer J.; 978-0071779708; Lange Current Series; 2012</p> <p>European Academy of Pediatrics http://eapaediatrics.eu/</p>		

	<p>American Academy of Pediatrics https://www.aap.org/en-us/Pages/Default.aspx</p> <p>National Institute of Health care and excellence (NICE) in pediatrics https://www.nice.org.uk/guidance/population-groups/children-and-young-people</p>
	<p>European Medicines Agency (EMA) pediatric guidelines https://www.ema.europa.eu/en/human-regulatory/research-development/paediatric-medicines/scientific-guidelines-paediatrics</p> <p>IDSA guidelines: https://www.idsociety.org/practiceguidelines/#/score/DESC/0/+/</p>
Assessment	<p>Examinations: 70%</p> <p>Assignment/Lab/Logbook 20%</p> <p>Class Participation: 10%</p>
Language	English