

### Course Specification Card for block 3.4 (Life Cycle 2)

College	College of Medicine	Department	Medical Education		
Course Name (English)	Life Cycle II (Block 3.4)	Course Name (Arabic)	دورة الحياة ٢		
Course Number	969311-1000-304	Course Code	<b>1000304</b>		
Credit Hrs.	6	Contact Hrs.	Theoretical	Practical	T
Teaching Language	English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>		80	8	88
Teaching Method	<input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended				
Course Nature	<input checked="" type="checkbox"/> Compulsory <input type="checkbox"/> Elective				
Course Type	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement				
Level	Year 3	Pre-Requisite(s)	Block 2.4		

#### **Course Description**

Explore the human life cycle from early infancy, toddler period, school age, teenage, adulthood, elderly, death and after death through studying pediatrics, obstetrics and gynecology, ethics and forensic medicine, psychiatrics, medicine, urology, pharmacology and global health.

#### Topics

1. Growth and Nutrition
2. Development of the GIT & Urinary System
3. Development of the Respiratory Tract & Immune System
4. Development of the Heart / Blood Flows
5. Congenital Metabolic Diseases & Abnormalities
6. Development of the Brain & Personality
7. Beyond Childhood
8. The Aging Process
9. When Is Enough, Enough?
10. Death and Beyond Death

#### Learning Outcomes

- Outline the basic biological and physiological processes and their dysregulation related to: Growth and development in children, structural, functional and psychiatric disorders during puberty, theories of ageing, healthcare issues in an elderly patient; changes occurring in a dead body.
- Discuss common pediatrics and elderly disease's clinical manifestations, differential diagnosis and consequences.
- apply clinical reasoning and analytical skills in discussing the complains, presenting the different possible solutions and therapies considering different medical, social, psychological and cultural backgrounds with consideration of contextual factors such as the family, socio-economic variables, gender, age, ethnicity, culture and beliefs.
- Integrate and interpret symptoms with consideration to past history, and acuteness of the disease, Weigh the symptoms against the patient background including cultural, psychological and social characteristics.
- Appropriately comply in taking patient history, paying attention to the medical content as well as the communicative aspects
- Disclose to the patient and/or relatives: The nature of the illness and its prognosis and implication of the illness for all areas of a patient life, The therapeutic options, including their advantage and disadvantages, methods, risks and any side effects, The influence of life style and social situation.
- Develop and tailor the suitable plan of care for different patient problems in a shared view with patients, relatives and peers considering: Provide support to chronically and incurably ill patients.
- Perform and document a complete consultation with a patient, and select from the various treatment options, based on the care request, diagnostic findings and patient-related factors, possible side effects, complications, co-morbidity, costs, care needs and continuity

Assessment Tools	Mid term <input type="checkbox"/>	%20 %	OSCE <input type="checkbox"/>	%15	<input type="checkbox"/> Final Exam	%40 %
	<input type="checkbox"/> Individual Assignments	%25	<input type="checkbox"/> Group Assignments	%	<input type="checkbox"/> Oral Participations	%
Main Reference	1. Kleigman: Nelson Essential Pediatrics, Saunders Elsevier, 7th edition. 2. Beckmann: Obstetrics and Gynecology, Lippincott William and Wilkins, 7th edition. 3. Burkitt: Essential Surgery, Elsevier Health Sciences, 5th revised edition. 4. Kumar: Clinical Medicine, Elsevier Health Sciences, 8th edition. 5. Robbins: Pathologic Basis of Disease, Elsevier, 9th edition. 6. Singer: The Cambridge Textbook of Bioethics. 7. British National Formulary, Pharmaceutical Press, 65th edition. 8. Jorde: Medical Genetics Mosby, 4th edition. 8. Rang: Rang and Dale's Pharmacology, Elsevier, 7th edition.					
Supporting References	<b>Electronic Materials</b> -Rickets - KFU Medical Ethics Reader - KFU Forensic Medicine Reader -ADHD - Bos MA, Ethical and legal issues in non-heart beating organ donation. Transplantation 2005;79:1143-7					

