

Course Title:	Principles of Anatomy, Histology, and Embryology
Course Code:	ANAT214
Program:	Bachelor of Medicine and Bachelor of Surgery (M.B.B.S)
Department:	Basic Medical Science
College:	College of Medicine
Institution:	AlMaarefa University

Course Identification

1. Credit hours:		4 (2 + 2 + 0)	
2. Course type			
a.	University <input type="checkbox"/>	College <input checked="" type="checkbox"/>	Department <input type="checkbox"/> Others <input type="checkbox"/>
b.	Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	
3. Level/year at which this course is offered: Year 2-Level 3			
4. Pre-requisites for this course (if any): ENG104, BIOL101, CHEM101, PHYS101			
5. Co-requisites for this course (if any): None			

Course Objectives

1. Course Description <p>The course provides an overview of the different aspects of general anatomy and general histology (basic tissues of the body) along with different stages of the life cycle from the time of conception to childhood. The course will cover the basic concepts and terms related to anatomy, microscopic features of the basic tissues of the body, embryonic & fetal developments and early & late stages of child development.</p>
2. Course Main Objective <p>What is the main purpose for this course?</p> <p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • Reproduce the Basic terminologies related to anatomy • Summarize the basis of classification of, Bone, muscles, connective tissue and epithelium and their gross and microscopic structure. • Summarize the general organization of vascular, Lymphatic, & nervous system and recognize their peculiar macroscopic and microscopic characteristics. • Outline the cell cycle • Explain the process of fertilization, implantation and stages of development of embryo and process of organogenesis and differentiation of different body system. • Explain the birth defects