Course Title	Histology I				
Course Code	BMS223				
Course Type	Compulsory				
Level	Bachelor (1st Cycle)				
Year / Semester	2nd Year / 4th Semester				
Teacher's Name	TBA				
ECTS	8	Lectures / week	3 Hours	Laboratories / week	3 Hours
Course Purpose and Objectives	The objective of the course is to familiarize students with: • The fundamental organization of the different bodily tissues at the molecular and cellular level and the functions involved. • The mechanisms of tissue degeneration, repair and regeneration at the different stages of life				
Learning Outcomes	Upon successful completion of this course students should be able to: • Describe the various levels of molecular and cellular organization and all pertinent functions involved, including the embryological development of tissues and organs. • Explain the structural and functional organization of the principal tissues in the human body. • Describe the associations of different types of tissues to form organs and systems. • Discuss the normal function and role of cells and tissues in the different stages of life. • Describe the mechanisms used by the body in tissue degeneration, repair and regeneration.				
Prerequisites	None	Co-requisites	None		
Course Content	• Levels of biological organization and molecular and cellular functions. • Structural and functional organization of the principal tissues in the human body. • Epithelial tissues, supportive tissues and the extracellular matrix. • Contractile tissue (striated muscle tissue, cardiac muscle, smooth muscle, myofibroblasts, pericytes, and myoepithelial cells).				

	• Blood cells. Blood and lymphatic circulatory system, the immune system, • Normal function of cells and tissues in the various stages of life. • Tissue degeneration, repair and regeneration processes.
Teaching Methodology	Face- to- face
Bibliography	Junqueira's Basic Histology: Text & Atlas; Antony L. Mesher, PhD, Mc Graw Hill Education LANGE, 13th Edition 2013 ,New York, Chicago,San Francisco,Lisbon, London,Madrid, Mexico City, Milan, New Delhi,San Juan,Seoul,Singapore,Sydney, Toronto,International Edition ISBN 978-1-259-07232-1,or, MHID 1-259-07232-0 Netter's Essential Histology; William Ovalle,Patrick C. Nahirney, Illustrations by Frank H. Netter; Elsevier Saunders Philadelphia, Second Edition, 2013 ISBN 978-1-4557-0631-0 **ADDITIONAL RECOMMENDED TEXTBOOKS:** Human Histology; Stevens, A. / Lowe, J.S.; 3rd; 978- 0323036634; Mosby; 2004 Color Atlas of Histology; Leslie G. Gartner; 978- 1451107210; Lippincott Williams and Wilkins; 2010 Color Atlas of Cytology, Histology, and Microscopic Anatomy. Wolfgang Kuehnel, Thieme. Stuttgart-New York. ISBN 3-13-562404-8 (GTV), ISBN 1-58890-175-0 (TNY), 4th Edition, 2003 Before we are born. Essentials of Embryology and Birth Defects. Keith L. Moore, T.V.N. Persaud, Mark G. Torcha. 8th Edition 2013, Philadelphia, Elsevier Saunders Edition, ISBN 978-1-4377-2001-3
Assessment	Mid – Term Examination 30% Final Examination 40% Assignments/Lab 20% Class Participation 10% 100%
Language	English