

**II FLOW**

Week	Day	Date	Discipline	Theme
1	Mon	11.09	ANATOMY	Introduction; Parts of Body, Axes, Planes
	Tue	12.09	ANATOMY	Introduction to bones, Joints & skeletal muscles
	Wen	13.09	ANATOMY	Back and Vertebral Column
	Thu	14.09	ANATOMY	Joints of Vertebr. Column. Muscles of the back
	Fri	15.09	ANATOMY	Thorax and thoracic muscles
	Sat	16.09	ANATOMY	Bones of the upper limb
2	Mon	18.09	ANATOMY	Muscles of shoulder region; Joints of upp. limb
	Tue	19.09	BIOCHEMISTRY	Amino acid Composition of Proteins
	Wen	20.09	BIOCHEMISTRY	Charge & Chemical Properties of Proteins
	Thu	21.09	BIOCHEMISTRY	Structur. Organizat. & Propert. of Proteins
	Fri	22.09	BIOCHEMISTRY	Separat., Purificat. & Determin. of Proteins
	Sat	23.09	BIOCHEMISTRY	Fibrous Proteins – Collagen, Elastin, Keratin
3	Mon	25.09	BIOCHEMISTRY	Lipoproteins & Glycoproteins. Antibodies.
	Tue	26.09	BIOCHEMISTRY	Myoglobin & Hemoglobin
	Wen	27.09	ANATOMY	Arm and forearm muscles
	Thu	28.09	ANATOMY	Muscles of the hand
	Fri	29.09	ANATOMY	Abdominal wall; muscles of abdomen
	Sat	30.09	ANATOMY	Diaphragm; Pelvis and Pelvic floor
4	Mon	02.10	ANATOMY	Bones of the lower limb
	Tue	03.10	ANATOMY	Joints of the lower limb
	Wen	04.10	BIOCHEMISTRY	Classification of Enzymes
	Thu	05.10	BIOCHEMISTRY	Structure of Enzymes; Coenzymes
	Fri	06.10	BIOCHEMISTRY	Mechanism of Catalysis. Enzyme Kinetics
	Sat	07.10	BIOCHEMISTRY	Inhibition of Enzymes. Allosteric Enzymes
5	Mon	09.10	BIOCHEMISTRY	Regulation of Enzyme Activity
	Tue	10.10	ANATOMY	Hip and thigh muscles
	Wen	11.10	ANATOMY	Leg muscles
	Thu	12.10	ANATOMY	Foot muscles
	Fri	13.10	ANATOMY	Skull. External surface of the cranial base
	Sat	14.10	ANATOMY	Internal surface of the cranial base

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6	Mon	16.10	ANATOMY	Orbital region; Nasal cavity; Paranasal sinuses
	Tue	17.10	ANATOMY	Muscles of the Face & Scalp
	Wen	18.10	GENETICS	Normal Genetics-The Human Chromosomes
	Thu	19.10	GENETICS	Normal Genetics-The Human Gametogenesis
	Fri	20.10	GENETICS	Autosomal Chromosomes & their Abnormalities
	Sat	21.10	GENETICS	Autosom. & Sex Chromosomes & their Abnorm.
7	Mon	23.10	GENETICS	Patterns of Single-Gene Inheritance
	Tue	24.10	GENETICS	Nonclassic Patterns of Single-Gene Inheritance
	Wen	25.10	GENETICS	Disorders with Multifactorial Inheritance
	Thu	26.10	GENETICS	Linkage and Mapping. Population Genetics
	Fri	27.10	GENETICS	Dysmorph. Types of Anomal. Prenat. Diagnosis
	Sat	28.10	GENETICS	Genetic Counseling. Clinical Genetic Evaluation
Q1	Mon	30.10	GENETICS	Treatment of Genetic Diseases
	Tue	31.10		
	Wen	01.11		
8	<b>QUIZ: ANATOMY, BIOCHEMISTRY &amp; GENETICS</b>			
				<b>180</b>
	Thu	02.11	HISTOLOGY	Histology & Its Methods of Study
	Fri	03.11	HISTOLOGY	The Cytoplasm and Its Components
	Sat	04.11	HISTOLOGY	The Nucleus. The Cell Cycle.
9	Mon	06.11	HISTOLOGY	Epithelial Tissue
	Tue	07.11	HISTOLOGY	Types of Epithelia. Renewal of Epithel. Cells
	Wen	08.11	BIOCHEMISTRY	Composition & Struct. of Biomembranes
	Thu	09.11	BIOCHEMISTRY	Movement of Molec. Through Membranes
	Fri	10.11	BIOCHEMISTRY	Mediated Transport Through Membranes
	Sat	11.11	BIOCHEMISTRY	Introduction to Bioenergetics
10	Mon	13.11	BIOCHEMISTRY	Sources of Acetyl-CoA, TCA (Krebs) Cycle
	Tue	14.11	BIOCHEMISTRY	Mitoch. Membr. Electron Transport Chain
	Wen	15.11	BIOCHEMISTRY	Oxidative Phosphorylation
	Thu	16.11	BIOCHEMISTRY	The Glycolytic Pathway
	Fri	17.11	BIOCHEMISTRY	Regulation of the Glycolytic Pathway
	Sat	18.11	BIOCHEMISTRY	Gluconeogenesis & Its Regulation
11	Mon	20.11	BIOCHEMISTRY	Glycogenolysis & Glycogenesis
	Tue	21.11	BIOCHEMISTRY	Pentose Phosph. Pathway. Sugar Interconv.
	Wen	22.11	BIOCHEMISTRY	Synthesis of Complex Carbohydrates
	Thu	23.11		
	Fri	24.11	BIOCHEMISTRY	Glycoconjugates
	Sat	25.11	HISTOLOGY	Connective Tissue

Week	Day	Date	Discipline	Theme
12	Mon	27.11	HISTOLOGY	Types of Connective Tissue. Adipose Tissue
	Tue	28.11	HISTOLOGY (E)	Introduction to Human Development
	Wen	29.11	HISTOLOGY (E)	First Week of Human Development
	Thu	30.11	HISTOLOGY (E)	Second Week of Human Development
	Fri	01.12	HISTOLOGY (E)	Third Week of Human Development
	Sat	02.12	HISTOLOGY (E)	Fourth to Eighth Weeks of Human Developm.
<b>Q2</b>	<b>Mon</b>	<b>04.12</b>	<b>QUIZ: BIOCHEMISTRY, HISTOLOGY &amp; EMBRYOLOGY</b>	
13	Tue	05.12	IMMUNOLOGY	Introduction to the Immune System
	Wen	06.12	IMMUNOLOGY	Cells, Tissues & Organs of the Imm. System
	Thu	07.12	IMMUNOLOGY	Antibodies and Antigens
	Fri	08.12	IMMUNOLOGY	Complement and Inflammation
	Sat	09.12	IMMUNOLOGY	Innate Immunity
14	Mon	11.12	PATHOLOGY	Adaptations of Cellular Growth & Different.
	Tue	12.12	PATHOLOGY	Cellular Injury & Cellular Death
	Wen	13.12	PATHOLOGY	Alteration in Cell injury. Necrosis. Apoptosis.
	Thu	14.12	PATHOLOGY	Intracellular Accumulations. Cellular Aging
	Fri	15.12	PATHOLOGY	Acute Inflammation
	Sat	16.12	PATHOLOGY	Mediators of Inflammation
15	Mon	18.12	PATHOLOGY	Chronic Inflammation. Granulomat. Inflamm.
	Tue	19.12	PATHOLOGY	Tissue Repair. Cell & Tissue Regeneration
	Wen	20.12	IMMUNOLOGY	MHC Molecules and Antigen Presentation
	Thu	21.12	IMMUNOLOGY	Devel. & Activ. T Lymphocytes. Cytotoxicity
	Fri	22.12	IMMUNOLOGY	Devel. & Activ. B Cells. Antibody Production
	Sat	23.12	IMMUNOLOGY	Regulation of the Immune Response
16	Mon	25.12	IMMUNOLOGY	Immune responses in Tissues
	Tue	26.12	IMMUNOLOGY	Immunity to Microbes
	Wen	27.12	IMMUNOLOGY	Primary Immunodeficiencies
	Thu	28.12	MICROBIOLOGY	Introduction to Microbiology
	Fri	29.12	MICROBIOLOGY	Cell Structure of Microorganisms
	Sat	30.12	MICROBIOLOGY	The Growth, Survival & Death of Microbes
17	Mon	01.01		
	Tue	02.01		
	<b>Wen</b>	<b>03.01</b>	<b>MICROBIOLOGY</b>	<b>Cultivation of Microorganisms</b>
	Thu	04.01	PATHOLOGY	Hemodynamic Disorders & Thrombosis
	Fri	05.01	PATHOLOGY	Embolism. Infarction. Types of infarcts. Shock
	Sat	06.01	PATHOLOGY	Genetic Disorders

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18	Mon	08.01	PATHOLOGY	Genetic Disorders
	Tue	09.01	PATHOLOGY	Genetic Disorders
	Wen	10.01	PATHOLOGY	Diseases of the Immune System
	Thu	11.01	PATHOLOGY	Immunologically Mediated Tissue Injury
	Fri	12.01	PATHOLOGY	Autoimmune Diseases
	Sat	13.01	PATHOLOGY	Immunodeficiency Syndromes
19	Mon	15.01	IMMUNOLOGY	Secondary Immunodeficiencies, AIDS
	Tue	16.01	IMMUNOLOGY	Immediate Hypersensitivity (Type I)
	Wen	17.01	IMMUNOLOGY	Hypersensitivity Disorders (Type II, III, IV)
	Thu	18.01	IMMUNOLOGY	Immunological tolerance & Autoimmunity
	Fri	19.01	IMMUNOLOGY	Transplantation Immunology
	Sat	20.01	IMMUNOLOGY	Immunity to Tumors
20	Mon	22.01	IMMUNOLOGY	Vaccination
	Tue	23.01	IMMUNOLOGY	Laboratory Techniques used in Immunology
	Wen	24.01	IMMUNOLOGY	Laboratory Techniques used in Immunology
	Thu	25.01		
	Fri	26.01		
	Sat	27.01		
Q3			<b>QUIZ: MICROBIOLOGY, IMMUNOLOGY &amp; PATHOLOGY</b>	
				<b>180</b>

Every Friday from 29.09.2017 to 19.01.2018 - Biomedical Ethics, 15.00