

GEORGIAN STUDENTS

I YEAR

I SEMESTER

CLASS 2017/2018 Spring

Week	Day	Date	Discipline	Theme
1	Mon Tue Wen Thu Fri Sat	20.02 21.02 22.02 23.02 24.02 25.02	BIOCHEMISTRY BIOCHEMISTRY BIOCHEMISTRY BIOCHEMISTRY BIOCHEMISTRY BIOCHEMISTRY	Amino acid Composition of Proteins Charge & Chemical Properties of Proteins Structur. Organizat. & Propert. of Proteins Separat., Purificat. & Determin. of Proteins Fibrous Proteins – Collagen, Elastin, Keratin Lipoproteins & Glycoproteins.
2	Mon Tue Wen Thu Fri Sat	27.02 28.02 01.03 02.03 03.03 04.03	BIOCHEMISTRY BIOCHEMISTRY GENETICS GENETICS GENETICS GENETICS	Myoglobin & Hemoglobin Antibodies. Immunoglobulins Normal Genetics - The Human Chromosom. Normal Genetics - The Human Gametogen. Autosomal Chromosomes & their Abnorm. Autosom. & Sex Chromosom. & their Abnorm.
3	Mon Tue Wen Thu Fri Sat	06.03 07.03 08.03 09.03 10.03 11.03	GENETICS GENETICS ANATOMY ANATOMY ANATOMY ANATOMY	The Sex Chromosomes and their Abnorm. Patterns of Single-Gene Inheritance Introduction; Parts of Body, Axes, Planes Introduction to bones, Joints & skeletal muscles Back and Vertebral Column Joints of Vertebr. Column. Muscles of the back
4	Mon Tue Wen Thu Fri Sat	13.03 14.03 15.03 16.03 17.03 18.03	ANATOMY ANATOMY ANATOMY ANATOMY ANATOMY ANATOMY	Thorax and thoracic muscles Bones of the upper limb Muscles of shoulder region; Joints of upp. limb Arm and forearm muscles Muscles of the hand Abdominal wall; muscles of abdomen
5	Mon Tue Wen Thu Fri Sat	20.03 21.03 22.03 23.03 24.03 25.03	ANATOMY GENETICS GENETICS GENETICS GENETICS GENETICS	Diaphragm; Pelvis and Pelvic floor Nonclass. Patterns of Single-Gene Inherit. Disorders with Multifactorial Inheritance Linkage and Mapping. Population Genetics Dysmorph.Types of Anomal. Prenat.Diagn. Genet Counsel.; Clinic. Genetic Evaluation

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6	Mon	27.03	GENETICS	Treatment of Genetic Diseases
	Tue	28.03	BIOCHEMISTRY	Classification of Enzymes
	Wen	29.03	BIOCHEMISTRY	Structure of Enzymes; Coenzymes
	Thu	30.03	BIOCHEMISTRY	Mechanism of Catalysis. Enzyme Kinetics
	Fri	31.03	BIOCHEMISTRY	Inhibition of Enzymes. Allosteric Enzymes
	Sat	01.04	BIOCHEMISTRY	Regulation of Enzyme Activity
7	Mon	03.04	ANATOMY	Bones of the lower limb
	Tue	04.04	ANATOMY	Joints of the lower limb
	Wen	05.04	ANATOMY	Hip and thigh muscles
	Thu	06.04	ANATOMY	Leg muscles
	Fri	07.04	ANATOMY	Foot muscles
	Sat	08.04	ANATOMY	Skull. External surface of the cranial base
8	Mon	10.04	ANATOMY	Internal surface of the cranial base
	Tue	11.04	ANATOMY	Orbital region; Nasal cavity; Paranasal sinuses
	Wen	12.04	ANATOMY	Muscles of the skull
	Thu	13.04	ANATOMY	Muscles of the neck
	Fri	14.04		
	Sat	15.04		
Q1			QUIZ: ANATOMY, BIOCHEMISTRY & GENETICS	
				180
9	Mon	17.04		
	Tue	18.04	BIOCHEMISTRY	Composition & Struct. of Biomembranes
	Wen	19.04	BIOCHEMISTRY	Movement of Molec. Through Membranes
	Thu	20.04	BIOCHEMISTRY	Introduction to Bioenergetics
	Fri	21.04	BIOCHEMISTRY	Sources of Acetyl-CoA, TCA (Krebs) Cycle
	Sat	22.04	BIOCHEMISTRY	Mitoch. Membr. Electron Transport Chain
10	Mon	24.04	BIOCHEMISTRY	Oxidative Phosphorylation
	Tue	25.04	HISTOLOGY	Methods of study. Histo- & Cytochemistry
	Wen	26.04	HISTOLOGY	The Cell
	Thu	27.04	HISTOLOGY	Epithelial Tissue
	Fri	28.04	HISTOLOGY	Epithelial Tissue
	Sat	29.04	HISTOLOGY	Connective Tissue
11	Mon	01.05	HISTOLOGY	Connective Tissue, Adipose Tissue
	Tue	02.05	HISTOLOGY (E)	Introduction
	Wen	03.05	HISTOLOGY (E)	The Beginning of Human Development
	Thu	04.05	HISTOLOGY (E)	Formation of the Human Embryo
	Fri	05.05	HISTOLOGY (E)	Development of Tissue and Organs
	Sat	06.05	BIOCHEMISTRY	The Glycolytic Pathway
12	Mon	08.05	BIOCHEMISTRY	Regulation of the Glycolytic Pathway
	Tue	09.05	BIOCHEMISTRY	Gluconeogenesis & Its Regulation
	Wen	10.05	BIOCHEMISTRY	Glycogenolysis & Glycogenesis
	Thu	11.05	BIOCHEMISTRY	Pentose Phosph. Pathway. Sugar Interconv.
	Fri	12.05	BIOCHEMISTRY	Synthesis of Complex Carbohydrates
	Sat	13.05	BIOCHEMISTRY	Glycoconjugates

Week	Day	Date	Discipline	Theme
Q2	Mon	15.05	QUIZ:	BIOCHEMISTRY, HISTOLOGY & EMBRYOLOGY
				180
13	Tue	16.05	MICROBIOLOGY	Bacteriology
	Wen	17.05	MICROBIOLOGY	Cell Structure of Microorganisms
	Thu	18.05	MICROBIOLOGY	The Growth, Survival & Death of Bacteria
	Fri	19.05	MICROBIOLOGY	Control of Microbial Growth
	Sat	20.05	PATHOLOGY	Cellular Injury & Cellular Death
	14	Mon	22.05	PATHOLOGY
Tue		23.05	PATHOLOGY	Aging of Cell. Intracellular Accumulations
Wen		24.05	PATHOLOGY	Cellular Growth & Differentiation
Thu		25.05	PATHOLOGY	Cellular Adaptations of Growth
Fri		26.05		
Sat		27.05	PATHOLOGY	Inflam. & Repair. Acute Inflammation
15	Mon	29.05	PATHOLOGY	Chronic Inflammation. Granulomat. Inflam.
	Tue	30.05	PATHOLOGY	Repair. Fibrosis. Wound Healing.
	Wen	31.05	PATHOLOGY	Edema. Hyperemia and Congestion
	Thu	01.06	PATHOLOGY	Hemostasis and Thrombosis. Embolism.
	Fri	02.06	PATHOLOGY	Infarction. Types of infarcts.
	Sat	03.06	PATHOLOGY	Shock
16	Mon	05.06	IMMUNOLOGY	Introduction to the Immune System.
	Tue	06.06	IMMUNOLOGY	Cells, Tissues & Organs of the Immune Syst.
	Wen	07.06	IMMUNOLOGY	Antibodies and Antigens
	Thu	08.06	IMMUNOLOGY	Complement and Inflammation
	Fri	09.06	IMMUNOLOGY	Innate Immunity
	Sat	10.06	IMMUNOLOGY	MHC Molecules and Antigen Presentation
17	Mon	12.06	IMMUNOLOGY	Devel. & Activ. T Lymphocytes. Cytotoxicity
	Tue	13.06	IMMUNOLOGY	Devel. & Activ. B Cells. Antibody Production
	Wen	14.06	IMMUNOLOGY	Immune responses in Tissues
	Thu	15.06	IMMUNOLOGY	Immunity to Microbes
	Fri	16.06	IMMUNOLOGY	Primary Immunodeficiencies
	Sat	17.06	IMMUNOLOGY	Secondary Immunodeficiencies, AIDS
18	Mon	19.06	IMMUNOLOGY	Immediate Hypersensitivity (Type I)
	Tue	20.06	IMMUNOLOGY	Hypersensitivity Disorders (Type II)
	Wen	21.06	IMMUNOLOGY	Hypersensitivity Disorders (Type III, IV)
	Thu	22.06	PATHOLOGY	Genetics Diseases
	Fri	23.06	PATHOLOGY	Genetics Diseases
	Sat	24.06	PATHOLOGY	Genetics Diseases

Week	Day	Date	Discipline	Theme
19	Mon	26.06	PATHOLOGY	Mechanisms of Immun. Tissue Injury
	Tue	27.06	PATHOLOGY	Diseas.of immunity. Im. Deficiency Syndr.
	Wen	28.06	PATHOLOGY	AIDS. Amyloidosis.
	Thu	29.06	IMMUNOLOGY	Immunological tolerance & Autoimmunity
	Fri	30.06	IMMUNOLOGY	Transplantation Immunology
	Sat	01.07	IMMUNOLOGY	Immunity to Tumors
20	Mon	03.07	IMMUNOLOGY	Vaccination
	Tue	04.07	IMMUNOLOGY	Laboratory Techniques used in Immunology
	Wen	05.07	IMMUNOLOGY	Laboratory Techniques used in Immunology
	Thu	06.07		
	Fri	07.07		
Q3			QUIZ: MICROBIOLOGY, IMMUNOLOGY & PATHOLOGY	
				180