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| **Week 1 - FOUNDATION BLOCK (Female)** |
| **Week ( 1 ) Starting: 02/09/2018 to 06/09/2018****Becoming A Medical Student** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****02 September 2018** | **Monday****03 September 2018** | **Tuesday****04 September 2018** | **Wednesday****05 September 2018** | **Thursday****06 September 2018** |
| **8:00 - 3:00 pm** Orientation | **8:00 - 9:00 am**Organization of the Human Body**(Physiology)****Dr. Nervana Bayoumi** | **8:00 - 9:00 am**Skeletal muscles **(Anatomy)****Dr. Jamilah El-Medany** | **8:00 - 10:00 am****F1: (Practical)** Histological microtechniqu: cell structure **(Histology)****Prof. Raeesa Abdultawab****F2: (Practical)**Skeletal system **(Anatomy)****Dr. Sanaa Al-Shaarawi** | **8:00 - 9:00 am**Introduction to molecular biology(Nucleutides & DNA Language) **(Biochemistry**)**Dr. Sumbul Fatma** |
| **9:00-10:00 am**Histological microtechnique; cell structure **(Histology)****Prof. Raeesa Abdultawab** | **9:00 - 10:00 am**Cell membrane structure and transport across cell membrane **(Physiology)****Dr. Nervana Bayoumi** | **9:00 - 10:00 am**Introduction to embryology**(Embryology)****Dr. Sanaa Al-Shaarawi** |
| **10:00 - 11:00 am**Anatomical terms and skeletal system.**(Anatomy)****Dr. Tahani Al-Matrafy** | **10:00 - 12:00 pm****F1: (Practical)**Skeletal system **(Anatomy)****Dr. Sanaa Al-Shaarawi****F2: (Practical)** Histological microtechnique : cell structure **(Histology)****Prof. Raeesa Abdultawab** | **10:00-11:00am**Protein structure**(Biochemistry)****Dr. Sumbul Fatma** | **10:00 - 11:00am**Introduction to the Nervous system **(Anatomy)****Dr. Jamilah El-Medany** |
| **11:00-12:00 pm**Body fluids and electrolytes **(Physiology)****Dr. Nervana Bayoumi**  | **11:00-12:00 pm**Homeostasis (1)**(Physiology)****Dr. Nervana Bayoumi** | **11:00-12-00 pm**Self-directedLearning |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Epithelial tissues **(Histology)****Prof. Raeesa Abdultawab** | **1:00-2:00 pm**Amino acids.**(Biochemistry)****Dr. Sumbul Fatma** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Introduction to learning skills course**Prof. Hamza Abdulghani** |
| **2:00-3:00 pm**Self-directedLearning | **2:00-3:00 pm**Self-directedLearning |

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| **Week 2 - FOUNDATION BLOCK (Female)** |
| **Week ( 2 ) Starting: 09/09/2018 to 13/09/2018****Body Systems** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****09 September 2018** | **Monday****10 September 2018** | **Tuesday****11 September 2018** | **Wednesday****12 September 2018** | **Thursday****13 September 2018** |
| **8:00 - 9:00 am**Introduction to molecular biology( DNA & RNA )**(Biochemistry**)**Dr. Sumbul Fatma** | **8:00 - 9:00 am**Erythropoiesis **(Physiology)****Dr. Nervana Bayoumi**   | **8:00 - 9:00 am**White blood cells**(Physiology)****Dr. Nervana Bayoumi**  | **8:00 - 9:00 am**Introduction to pathology**(Pathology)****Dr. Sufia Husain** | **8:00 - 9:00 am**Lymphoid tissue **(Histology)****Prof. Raeesa Abdultawab** |
| **9:00 - 10:00 am**Homeostasis (2)**(Physiology)****Dr. Maha Alsaja** | **9:00 - 10:00 am**Tutorial Body Fluid**(Physiology)****Dr. Nervana Bayoumi** | **9:00 - 10:00 am** Bacterial structure and genetics **(Microbiology)****Prof. Hanan Habib** | **9:00 - 10:00 am**Autonomic nervous system **(Anatomy)****Dr. Jamilah El-Medany** | **9:00 - 10:00 am**Free radical injury, Types of necrosis and Apoptosis**(Pathology)****Dr. Sufia Husain** |
| **10:00 - 12:00pm****F1: (Practical)**Skeletal muscles **(Anatomy)****Dr. Sanaa Al-Shaarawi****F2: (Practical)**Epithelial tissue **(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00pm****F1: (Practical)**Epithelial tissue **(Histology)****Prof. Raeesa Abdultawab****F2: (Practical)**Skeletal muscles **(Anatomy)****Dr. Sanaa Al-Shaarawi** | **10:00 - 12:00pm****F1: (Practical)** Connective tissue proper **(Histology)****Prof. Raeesa Abdultawab** **F2: (Practical)**Nervous system **(Anatomy)****Dr. Sanaa Al-Shaarawi** | **10:00 - 12:00pm****F1: (Practical)**Nervous system**(Anatomy)****Dr. Sanaa Al-Shaarawi****F2: (Practical)** Connective tissue proper **(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00 pm**Introduction to taking history from a healthy person**Clinical Skills** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Composition and function of blood**(Physiology)****Dr. Nervana Bayoumi** | **1:00-2:00 pm**Autonomic nervous system - I**(Physiology)****Dr. Fawzia Al Rouq** | **1:00-2:00 pm**Self-directedLearning | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Blackboard Training**Eng. Khulood Al-Ghamdi** |
| **2:00-3:00 pm**Structure and functions of carbohydrates **(Biochemistry)****Dr. Sumbul Fatma** | **2:00-3:00 pm**Self-directedLearning | **2:00-3:00 pm**Self-directedLearning |

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| **Week 3 - FOUNDATION BLOCK (Female)** |
| **Week ( 3 ) Starting: 16/09/2018 to 20/09/2018****Organs and Cells- 1** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****16 September 2018** | **Monday****17 September 2018** | **Tuesday****18 September 2018** | **Wednesday****19 September 2018** | **Thursday****20 September 2018** |
| **8:00 - 10:00 am****Problem-based Learning****Case 1 Tutorial 1** | **8:00 - 9:00 am**Autonomic Nervous System– II**(Physiology)****Dr. Fawzia Al Rouq** | **8:00 - 9:00 am**Normal flora **(Microbiology)****Prof. Hanan Habib** | **8:00 - 10:00 am****Problem-based Learning****Case 1 Tutorial 2**   | **8:00 - 10:00 am****(Practical)****CBC , ESR****(Physiology)****All Staff** |
| **9:00 - 10:00 am**Adaptation to cell injuries**(Pathology)****Dr .Sufia Husain**  | **9:00 - 10:00 am**Self-directedLearning |
| **10:00 - 11:00 am**Cellular accumulation and Pathological calcification **(Pathology)****Dr .Sufia Husain** | **10:00 - 11:00 am**Self-directedLearning | **10:00 - 12:00pm****(Practical)**Thromboembolic disorders **(Pathology)****Dr. Sufia Husain** | **10:00-12:00 pm****F1: (Practical)** Lymphoid tissue **(Histology)****Prof. Raeesa Abdultawab****F2: (Practical)**DNA Extraction **(Biochemistry)****Dr. Rana / Dr. Sumbul / Ms. Al Bandari** | **10:00 - 12:00pm**Radial pulse and temperature and resp. rate**Clinical Skills**  |
| **11:00-12:00 pm** Pharmacokinetics I:Drug Administration and absorption**(Pharmacology)****Prof. Hanan Hagar** | **11:00-12:00 pm**Pharmacokinetics II:Bioavailability and distribution**(Pharmacology)****Prof. Hanan Hagar** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm**  | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Connective tissue proper **(Histology)****Prof. Raeesa Abdultawab** | **1:00-300 pm****(Practical)****Cell injury** **(Pathology)****Dr. Sufia Husain** | **1:00-300 pm****(Practical)**Lab orientation and lab safety**(Biochemistry)****Dr. Rana / Dr. Sumbul / Ms.**  **Al Bandari** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Becoming a PBL student**Dr. Sahar M Aly** |
| **2:00-3:00 pm**Self-directedLearning |

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| **Week 4 - FOUNDATION BLOCK (Female)** |
| **Week ( 4 ) Starting: 23/09/2018 to 27/09/2018****Organs and Cells - 2** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****23 September 2018** | **Monday****24 September 2018** | **Tuesday****25 September 2018** | **Wednesday****26 September 2018** | **Thursday****27 September 2018** |
| **Official Holiday for the National Day** | **8:00 - 10:00 am****F1: Practical** DNA Extraction **(Biochemistry)** **Dr. Rana / Dr. Sumbul / Ms. Al Bandari****F2: (Practical)** Lymphoid tissue **(Histology)****Prof. Raeesa Abdultawab** | **8:00 - 9:00 am**Human chromosomes; genotypes / phenotypes **(Human Genetics)****Dr .Maram Alotaiby** | **8:00 - 9:00 am**Host-Parasite Relationship**(Microbiology)****Prof. Hanan Habib**  | **8:00 - 9:00 am** Self-directedLearning |
| **9:00-10 :00am** Self-directedLearning | **9:00 - 10:00 am**Classifications of Parasites and Protozoa**(Microbiology)****Dr. Mona Badr**  | **9:00 - 10:00 am**Pharmacodynamics I:Molecular mechanism of drug action**(Pharmacology)****Prof. Hanan Hagar** |
| **10:00 - 11:00 am**Lipid compounds of physiological significance**(Biochemistry)****Dr. Sumbul Fatma** | **10:00 - 11:00 am**Pharmacokinetics IV:Drug excretion**(Pharmacology)****Prof. Hanan Hagar** | **10:00-11:00am**Enzymes and Co-enzymes (I)**(Biochemistry)****Dr. Sumbul Fatma** | **10:00-12:00pm** **(Practical)**WBC, differential  **(Physiology)**Room2149,2nd FloorRoom 3149,3rd Floor**All staff** |
| **11:00-12:00pm**Pharmacokinetics III:Drug metabolism**(Pharmacology)****Prof. Hanan Hagar** | **11:00-12:00pm**Introduction to the cardiovascular system**(Anatomy)****Dr. Jamilah El-Medany** | **11:00-12:00pm**Self-directedLearning |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Self-directedLearning | **1:00-2:00 pm**Self-directedLearning | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Essential of feedback and college Assessment System**Dr. Jude Feda** |
| **2:00-3:00 pm**Self-directedLearning | **2:00-3:00 pm**Self-directedLearning |

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| **Week 5 - FOUNDATION BLOCK (Female)** |
| **Week ( 5 ) Starting: 30/09/2018 to 04/10/2018****Cells and Receptors** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****30 September 2018** | **Monday****01 October 2018** | **Tuesday****02 October 2018** | **Wednesday****03 October 2018** | **Thursday****04 October 2018** |
| **8:00 - 10:00 am****Problem-based Learning****Case 2 Tutorial 1** | **8:00 - 9:00 am****MIDBLOCK****EXAM** | **8:00 - 9:00 am**Viral structure classification**(Microbiology)****Dr. Malak El Hazmi** | **8:00 - 10:00 am****Problem-based Learning****Case 2 Tutorial 2** | **8:00 - 9:00 am**Self-directedLearning |
| **9:00 - 10:00am**Chromosomal Anomalies**(Human Genetics)****Dr. Maram Alotaiby** | **9:00 - 10:00 am**Haemostasis **(Physiology)****Dr. Abeer Alghmlas**  |
| **10:00-11:00am**Control of erythropoiesis, iron metabolism and haemoglobin**(Physiology)****Dr. Nervana Bayoumi** | **10:00 - 11:00 am**Helminths and Arthropods**(Microbiology)****Dr. Mona Badr** | **10:00 - 11: 00am** Pharmacodynamics II:Quantitative aspects of drug action**(Pharmacology)****Prof. Hanan Hagar**  | **10:00-11:00am**Introduction to Immunology & the lymphoid system**(Immunology)****Dr. Reem Sghiri**  | **10:00 - 12:00pm** Blood pressure measurement **Clinical Skills** |
| **11:00-12:00pm**Sterilization and disinfection **(Microbiology)****Prof. Hanan Habib** | **11:00-12:00pm**Enzymes and co-enzymes (II) **(Biochemistry)****Dr. Sumbul Fatma** | **11:00-12:00pm**Introduction to Metabolism: Anabolism & Catabolism **(Biochemistry)****Dr. Sumbul Fatma** | **11:00-12:00pm** Pharmacodynamics III:Receptor families**(Pharmacology)****Prof. Hanan Hagar** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Blood groups and blood transfusion **(Physiology)****Dr. Abeer Alghmlas** | **1:00-2:00 pm**Biochemical markers for diagnosis and follow up of diseases **(Biochemistry**)**Dr. Rana Hasanato** | **1:00-2:00 pm**Tutorial on mechanisms of coagulation bleeding and clotting disorders**(Physiology)****Dr. Abeer Alghmlas** | **1:00-3:00pm****Salam** | **1:00-3:00 pm****Learning Skills**Learning how to learn-General principles**Dr. Norah AlRowais** |
| **2:00-3:00 pm**Definition of inflammation ; acute inflammation**(Pathology)****Dr. Maha Arafah** | **2:00-3:00 pm**Anaerobic bacteria**(Microbiology)****Dr. Fawzia Al Otaibi** | **2:00-3:00 pm**Vascular and cellular events in inflammation **(Pathology)****Dr. Maha Arafah** |

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| **Week 6 - FOUNDATION BLOCK (Female)** |
| **Week ( 6 ) Starting: 07/10/2018 to 11/10/2018****Biological Mechanisms – 1** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****07 October 2018** | **Monday****08 October 2018** | **Tuesday****09 October 2018** | **Wednesday****10 October 2018** | **Thursday****11 October 2018** |
| **8:00 - 10:00 am****Problem-based Learning****Case 3 Tutorial 1** | **8:00 - 9:00 am**Cell signaling & regulation of metabolism **(Biochemistry)****Dr. Rana Hasanato** | **8:00 - 9:00 am** Cell mediated immunity**(Immunology)****Dr. Reem Sghiri** | **8:00 - 10:00 am****Problem-based Learning****Case 3 Tutorial 2** | **8:00 - 9:00 am**The fungi and their pathogenesis **(Microbiology)****Dr. Maha Al Muhaizea** |
|  **9:00 - 10:00 am**Gram positive(+) bacteria, gram negative (-)bacteria **(Microbiology)****Dr. Fawzia Al Otaibi** |  **9:00 - 10:00 am**Mechanism of and factors affecting healing and repair**(Pathology)****Dr. Maha Arafah** | **9:00am - 10:00am**Self-directedLearning |
| **10:00 - 11:00 am**Chemical mediators in inflammation and patterns of acute inflammation**(Pathology)****Dr. Maha Arafah** | **10:00 - 11:00 am**Viral pathogenesis**(Microbiology)****Dr. Malak El Hazmi** | **10:00 - 11:00 am** Definition , mechanism and causes of granulomas**(Pathology)****Dr. Maha Arafah** | **10:00 - 11:00 am**Major metabolic pathways of glucose**(Biochemistry)****Dr. Rana Hasanato** | **10:00 – 12:00pm**Weight, height and calculation of BMI **Clinical Skills** |
| **11:00-12:00 pm**Chronic inflammation **(Pathology)****Dr. Maha Arafah** | **11:00-12:00pm**Natural Defense mechanism**(Immunology)****Dr. Reem Sghiri** | **11:00-12:00pm**Tutorial on WBC**(Physiology)****Dr. Abeer Alghmlas**  | **11:00-12:00pm**Antibody mediated immunity **(Immunology)****Dr. Reem Sghiri** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch \*****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1.00-3.00 pm****(Practical)****Inflammation****(Pathology)****Dr. Maha Arafah** | **1:00-3:00 pm****(Practical)**Bleeding, clotting time and blood groups**(Physiology)****All staff** | **1:00-3:00pm****(Practical)****Granulomas****(Pathology)****Dr. Maha Arafah** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Stress management**Dr. Nouf Alromaihi**  |

**\* “Blackboard Orientation” teaching session will be conducted from 12:00 pm to 1:00 pm**

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| **Week 7 - FOUNDATION BLOCK (Female)** |
| **Week ( 7 ) Starting: 14/10/2018 to 18/10/2018****Biological Mechanisms - 2** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****14 October 2018** | **Monday****15 October 2018** | **Tuesday****16 October 2018** | **Wednesday****17 October 2018** | **Thursday****18 October 2018** |
| **8:00-9:00 am**Introduction to antibiotics**(Microbiology)****Dr. Fawzia Al Otaibi** | **8:00 - 9:00 am**Krebs cycle**(Biochemistry)****Dr. Sumbul Fatma**  | **8:00 - 9:00 am**Properties of benign and malignant neoplasms**(Pathology)****Dr. Maria Arafah** | **8:00 - 9:00 am**Grading and staging cancer manifestations of malignant neoplasms**(Pathology)****Dr. Maria Arafah** | **8:00 – 9:00 am**Self-directedLearning |
| **9:00 - 10:00am**Atypical mode of inheritance**(Human Genetics)****Dr. Maram Alotaiby** | **9:00 - 10:00 am**Diversity of pathogenic molds and yeasts**(Microbiology)****Dr. Maha Al Muhaizea** | **9:00 - 10:00 am**Drug acting on autocrine paracrine mediators: Part I **(Pharmacology)****Dr. Alia Alshanwani** | **9:00 - 10:00 am**Drug acting on autocrine paracrine mediators; Part II **(Pharmacology)****Dr. Alia Alshanwani** | **9:00-10:00am**Tolerance and adverse drug reaction**(Pharmacology)****Prof. Yieldez Bassiouni** |
| **10:00 - 11:00 am**Glycolysis**( Biochemistry)****Dr. Rana Hasanato** | **10:00 - 11:00 am**Gluconeogenesis**(Biochemistry)****Dr. Sumbul Fatma** | **10.00-11.00 am**Etiology of tumors**(Pathology)****Dr. Maria Arafah** | **10:00 - 12:00 pm****(Practical)**Neoplasia (II)**(Pathology)****Dr. Maria Arafah** | **10:00 – 12:00pm****OSCE****Clinical Skills** |
| **11:00-12:00 pm**Hypersensitivity**(Immunology)****Dr. Reem Sghiri** | **11:00-12:00 pm**Introduction toImmune deficiency**(Immunology)****Dr. Reem Sghiri** | **11.00-12.00pm**Carcinogenesis**(Pathology)****Dr. Maram Alotaiby** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Mode of inheritance**(Human Genetics)****Dr. Maram Alotaiby** | **1:00-3:00 pm****Practical**Identification of Micro-Organisms**(Microbiology)****Dr. Malak El-Hazmi** | **1:00-3:00 pm****(Practical)**Neoplasia (I)**(Pathology)****Dr. Maria Arafah** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****Learning Skills**Time management**Prof. Lulu Alnuaim** |
| **2:00-3:00 pm**Classification of Tumors**(Pathology)****Dr. Maria Arafah** |

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| **Week 8 - FOUNDATION BLOCK (Female)** |
| **Week ( 8 ) Starting 21/10/2018 to 25/10/2018****Consolidation Week** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****21 October 2018** | **Monday****22 October 2018** | **Tuesday****23 October 2018** | **Wednesday****24 October 2018** | **Thursday****25 October 2018** |
| **8:00 - 10:00 am****Revision of OSPE** | **Consolidation** | **Consolidation**  | **8:00 - 9:00 am**Self-directedLearning | **Consolidation**  |
| **9:00 - 10:00 am**Self-directedLearning |
| **10:00 - 11:00 am**Self-directedLearning | **10:00 - 11:00 am**Self-directedLearning |
| **11:00-12:00 pm**Self-directedLearning | **11:00-12:00 pm**Self-directedLearning |
| **Lunch****12:00 – 1:00pm**  | **Lunch****12:00 – 1:00pm**  |
| **1:00-2:00 pm**Self-directedLearning | **1:00-4:00 pm****OSPE Examination** |
| **2:00-3:00 pm**Self-directedLearning |

**Week 9 : Examination week from 28 October to 1 November 2018.**