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| **COURSE OUTLINE OF BASIC ANATOMY(0916-1105)**  **Spring-2023** | |
| Course title | Basic Anatomy |
| Entry qualifications | Minimum Higher Secondary Degree (Science) |
| Maximum number in class | 30 |
| Average class contact hours per week | 2 hours 40 mins |
| Examining body | Controller of Examination, DIU |
| Academic level | B. Pharm (Hons.) |
| Certificate awarded, and by whom | B. Pharm. (Hons.)  Controller of Examination, Daffodil International University. |
| Duration of course | 6 months |
| Teacher/Course Leader responsible for the course | Dr. Sharifa Sultana, Associate Head & Associate Professor |
| Brief outline of the course content and its delivery | |  |  |  | | --- | --- | --- | | **No.** | **Topic** | **Class** | | 1 | **Introduction to human anatomy:** Origin of life on earth, evolution of life on earth, primate and human evolution, anatomical nomenclature | 2 | | 2 | **Neonatal anatomy and growth:** Neonatal anatomy, individual systems in the neonate, growth. | 2 | | 3 | **Integumental system:** Skin- epidermis, dermis, nerves, blood vessels, age-related changes, repair, female breast and male breast. | 3 | |  | **Quiz 1** | 1 | | 4 | **Skeletal system:** Morphology of the human skeleton, skeletal connective tissue, axial skeleton, appendicular skeleton. | 3 | | 5 | **Muscle:** Brief survey of the major types of muscles, skeletal muscle, cardiac muscle, smooth muscle, muscles and fasciae of the head, anterolateral muscles and fasciae of the neck. | 3 | |  | **Quiz 2** | 1 | |  | **MIDTERM** |  | | 6 | **Alimentary system:** Oral cavity and related structures, abdomen, oesophagus of anus, stomach, intestine, pancreas, liver, billiary ducts and gall bladder. | 2 | | 7 | **Urinary system:** Kidney, ureter, kidney transplantation, urinary bladder, male urethra, female urethra. | 3 | |  | **Quiz 3** | 1 | | 8 | **Reproductive system:** Reproductive organ of the male, testes and epididymes, ductus deferens, penis, prostate, reproductive organs of the female, ovaries, uterine tubes, uterus, vagina, female external organs. | 2 | | 9 | **Endocrine system:** Adenohypophysis, neurohypophysis, pineal gland, thyroid gland, parathyroid glands, adrenal glands, para-aortic bodies. | 3 | | 10 | **Respiratory system:** Nose and paranasal sinuses, larynx, trachea and bronchi, lungs, pleurae, mediastinum. | 2 | |  | **Presentation** | 1 | |  | **Revision & Problem solution** | 1 | |  | **FINAL** |  |   **Marks Distribution:**  Class attendance: 5  Quiz: 10  Assignment: 5  Presentation: 5  Midterm: 25  Semester Final: 50  Total: 100 |

**Recommended Book:**

1. Gray's Anatomy- Spalding Gray, (International students edition), published by Churchill Livingstone.

2. Atlas of Human Anatomy by Frank H. Netter

3. Atlas of Human Anatomy (Quick study Books) by Vincent Perez

4. Text Book of Human Anatomy Volume-1,2,3 by Dr. B. K. Tandon

5. Clinically Oriented Anatomy- SI Moore, Dalley

6. Human Anatomy-1,2,3,4 By Datta