**2020-2021**

**UGS module Titles of Lectures**

**Anatomy (6 Lectures + 3 labs)**

1. Bony pelvis and pelvic diaphragm
2. Perineum
3. Kidney and ureter
4. Urinary and urethra .
5. Female genital system
6. Male genital system .

**Embryology (3 lectures)**

* + - 1. Embryology of Kidney and Ureter
      2. Embryology of urinary bladder and urethra
      3. Embryology of genital system

**Histology (3 lectures + 1 lab)**

1. Histology of urinary system
2. Histology of Female genital system
3. Histology of male genital system

**Physiology (11 lectures)**

1. Glomerular Filtration (GF).
2. Reabsorption and Secretion.
3. Regulation of GF & renal blood flow.
4. Parameter of renal active transport.
5. Renal clearance.
6. Renal concentration and dilution of the urine.
7. Hormonal regulation of sex determination.
8. Male reproductive physiology and erection.
9. Female reproductive physiology I.
10. Physiology of the pregnancy.
11. Parturition & Lactation

**Pharmacology (7 lectures)**

1. Diuretics
2. Drugs & the kidney.
3. Androgen & their antagonists.
4. Drugs acting on uterus.
5. Antimicrobials for sexually transmitted diseases
6. Female sex hormones and Contraceptives I.
7. Female sex hormones and Contraceptives II.

**Microbiology (8 lectures + 3 labs)**

1. Schistosomiasis.
2. Trichomoniasis, Candidiasis & Ectoparasites
3. Urinary tract infection.
4. Infection by Chlaymdia, Gardnella & Ureaplasma.
5. Gonorrhoea.
6. Syphilis.
7. HIV & AIDS.
8. Herpes, cytomegalovirus, Papilloma&MoluscumCntag. I.

**Biochemistry (4 lectures)**

1. Special aspects of renal metabolism.
2. Role of kidneys in acid base balance.
3. Assessment of kidney functions.
4. Renal function tests

**Pathology (15 lectures + 5 labs)**

1. Diseases of urinary tract infections glomerulonephritis & pyelonephritis.
2. Nephrotic syndrome.
3. Tubulo-interstitial diseases.
4. Anomality of kidney, UT& cystic kidney diseases
5. Chronic renal failure.
6. Tumors of the kidney & urinary tracts.
7. Diseases of the male reproductive system & testicular tumor.
8. Diseases of prostate & tumor.
9. Diseases of female reproductive tract, vulva & vagina.
10. Diseases of the uterus, cervix, CIN & malignancy.
11. Diseases of the uterus, endometrium & tumors of the endometrium.
12. Diseases of the tube & ovaries; tumor of the ovaries.
13. Gestational diseases related to pregnancy and congenital anomalies.
14. Diseases and tumors of the breast
15. Breast cancer

**Community Medicine (3 lectures)**

1. Genito-urinary tract infection.
2. Menses, Menstrual cycle & fertility
3. Sexually transmitted diseases .

**Medicine (1 lecture)**

**Surgery (1 lecture)**

**Occupational health (8 lectures)**

**Health Administration (4 lectures)**

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| **Subject** | **No lectures** | **No labs** |
| **Anatomy** | **7** | **3** |
| **Embryology** | **3** |  |
| **Histology** | **3** | **1** |
| **Physiology** | **12** |  |
| **Pharmacology** | **8** |  |
| **Microbiology** | **8** | **3** |
| **Biochemistry** | **5** |  |
| **Pathology** | **15** | **5** |
| **Community Medicine** | **3** |  |
| **Medicine** | **1** |  |
| **Surgery** | **1** |  |
| **Total** | **66** | **12** |