ONCOLOGY

Year One:
Principles of Biomedical Sciences:
- Cancer epidemiology
- Neoplasia I: Introduction to Oncology
- Neoplasia II: Cancer Growth and Progression
- Neoplasia III: Diagnosis, Staging, and Treatment of Cancer
- Molecular biology of cancer
- Cancer genetics
- Application of immunology to cancer
- Introduction to palliative care
- Primary prevention of cancer
- Oxidative Stress

Year One Term Two & Year Two: Foundations of Clinical Medicine I-III:
Haematology:
- Approach to lymphadenopathy, splenomegaly and asplenia
- Introduction to malignant haematology, Approach to lymphoma
- Approach to multiple myeloma, Lymphoma, myeloma and lymphocyte cases
- MPN, leukemia and pancytopenia cases
Respiratory:
- Mediastinal masses/lung cancer
Gastrointestinal:
- Colorectal cancer, Liver tumours, cholangiocarcinoma, Barrett’s esophagus/esophageal cancer
Kidney/Urinary Tract:
- Benign prostate hypertrophy and prostate cancer
- Urology: bladder and renal cancers/Pathology: renal masses and bladder cancer
MSK:
- Approach to bone lesions/MSK masses and lumps
Neurosciences:
- Neck mass/thyroid nodule/ thyroid cancer,
- Pheochromocytoma, Adrenal adenoma, hyperplasia and carcinoma
- Histology and Pathology in endocrinology
Reproductive Health: benign diseases of the cervix and HPV; pre-cancerous disease of the cervix, cancer of cervix, vagina and vulva; malignancy of the ovary: endometrial hyperplasia and endometrial cancer, malignant disease of the uterus, gestational trophoblastic disease; breast disease/cancer; male scrotal conditions (benign and malignant)
Dermatology: benign skin lesions and skin cancer (non-melanoma skin cancer); moles and melanoma skin cancer; surgical care of malignancies and principles of reconstruction.

Oncology related curriculum is located in various places in the UGME program. Basic concepts are included within the Term One Principles of Biomedical Sciences course. More detailed system specific oncology presentations are included within the Foundations of Clinical Medicine courses. Students have opportunities for clinical experiences with Shadowing in preclerkship, as well as during their Core Rotations and Electives courses in clerkship.

Year Three:
Core Rotations experiences include oncology related inpatient and outpatient opportunities.

Year Four:
Electives in Medical Oncology are available for students. Electives in Radiation Oncology are in the planning stages at present.

Oncology Resource: https://www.oncologyeducation.com/resident-trainee-resources/trainee-resources/oncology-medical-students/