

ONCOLOGY

Year One:

Principles of Biomedical Sciences:

Neoplasia I Introduction to Oncology

Neoplasia II: Cancer growth and progression

Neoplasia III: diagnosis, staging and treatment of cancer

Cancer Epidemiology

Primary and secondary cancer risk reduction

Cancer genetics

Cancer genetics

Application of immunology to cancer

Medicine and Society I:

Introduction to palliative care

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.

Shadowing opportunities with Medical and Radiation Oncology are available for students upon request

Year Three:

Core Rotations experiences include oncology related inpatient and outpatient opportunities.

Year Four:

Electives in Medical/Radiation Oncology are available for students.

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:

Neuro-oncology

Endocrinology: 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.

Resource: <https://www.oncologyeducation.com/resident-traineeresources/trainee-resources/oncology-medical-students>