**FOM 2311 BLOOD AND BODY FLUIDS DISORDERS 3 Weeks**

Course description

This course will help the graduates acquire knowledge about the epidemiology of common disorders of blood and body fluids. It will include information on the patho-pathophysiology of the disorders of blood and body fluids and clinico-pathological features of tumors of the blood. In addition, the course will look at the clinical pharmacology of drugs commonly used to treat of blood and body fluids disorders and the effects of the disorders of these systems on the pharmacodynamics and pharmacokinectics of drugs.

It will outline scientific basis of laboratory techniques used in investigating of blood and body fluids disorders. It will explore possible primary and secondary preventive intervention of common of blood and body fluids disorders.

Course Objectives:

At the end of the three weeks the students will be able to:

1. To describe the epidemiology and pathology of blood, haemopioetic system and body fluids

2. To demonstrate competency/acquire skills in relevant laboratory techniques

3. Discuss the importance of endocrine based interventions

Content

• Shock

• Electrolyte imbalances

• Anaemia

• Fluid overload

• Ascites

• Oedema

• Leukaemia

• Bleeding/coagulation disorders

• Haemoglobinopathies

• Thrombo-embolic disorders

• Investigative procedures

Duration of the course**:** 3 weeks 3 CU

• Lecture hours 5 hours 5 CH

• Clinical hours 5 hours 5 CH

• Tutorial hours 30 hours 15 CH

• Practical hours 10 hours 5 CH

• Self study hours 30 hours 15 CH Total 45 CH

Methods of delivery

Lectures, Clinical sessions, Tutorials, Practical sessions, Post mortem demonstrations, Seminars, Self study session

Methods of assessment

Continuous assessment (twice a week), Progressive assessment 3 hours written examination after the

3 weeks, Summative examination (3hour exam) at the end of the semester, Practical examination

(3hours) or oral examination at the end of the semester

Infrastructure and resources available

1. Tutorials rooms

2. Lecture theater with microphone

3. Laboratory space

4. Departmental Book bank

5. Albert Cook library

6. Computers and computer rooms

7. Departmental LCD projector

8. Post mortem demonstration room

9. Mortuary space

10. Pots

Teaching staff available for this course

1. Dr Najjuka

2. Dr Beatrice Achan

3. Dr Buwembo

4. Dr Dan Wamala

5. Dr Joseph Turyabahiika

6. Dr Norah Mwebaza

7. Dr Fred Ndoboli

8. Dr Kyalyemenya

9. Dr Othieno Emanuel

10. Dr Barungi

11. Prof Paul Waako

12. Dr Hawa Nalwoga

13. Prof Henry Wabinga

14. Dr Odida Michael

15. Dr Kalungi Sam

16. Dr Lukande Robert

17. Dr Onzivua Sylvester

18. Dr Nsereko Mukasa

19. Dr Male- Mutumba