

University of Pretoria Yearbook 2017

Homeostasis 280 (BOK 280)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	42.00
Programmes	MBChB
Prerequisites	CMY 151, GNK 120, GNK 127, MLB 111, PHY 131, GNK 128, BOK 121, MGW 112, FIL 155, MTL 180, SMO 121, AIM 101, ELH 111, ELH 112
Contact time	18 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Forensic Medicine
Period of presentation	Semester 1

Module content

Interdisciplinary module with a large Physiology component.

- Intermediary metabolism (3 weeks) carbohydrate and lipid metabolism; protein and energy metabolism; vitamins and minerals. Integration of metabolism.
- Control systems of the body (3 weeks).
- Internal milieu (3 weeks) Water balance and blood physiology. Acid-base equilibrium, clinical haematology. Practical work: Human nutrition, anatomy/histology, haematology.

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