

University of Pretoria Yearbook 2016

Homeostasis 280 (BOK 280)

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| Qualification | Undergraduate |
| Faculty | Faculty of Health Sciences |
| Module credits | 42.00 |
| Programmes | MBChB Medicine |
| 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 | Both Afr and Eng |
| Academic organisation | Forensic Medicine |
| Period of presentation | Semester 1 |

Module content

(a) Intermediary metabolism (3 weeks)

Carbohydrate and lipid metabolism; protein and energy metabolism; vitamins and minerals. Integration of metabolism. Practical work: Protein electrophoresis.

(b) Control (3 weeks)

Nerve control; endocrine control.

(c) Internal milieu (3 weeks)

Water balance and blood physiology. Acid-base equilibrium, clinical haematology. Practical work: Haematology.

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