

# University of Pretoria Yearbook 2016

## Homeostasis 280 (BOK 280)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	42.00
<b>Programmes</b>	<a href="#">MBChB Medicine</a>
<b>Prerequisites</b>	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
<b>Contact time</b>	18 lectures per week
<b>Language of tuition</b>	Both Afr and Eng
<b>Academic organisation</b>	Forensic Medicine
<b>Period of presentation</b>	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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