

# University of Pretoria Yearbook 2017

## 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</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>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Forensic Medicine
<b>Period of presentation</b>	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.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.