

# University of Pretoria Yearbook 2021

## 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>NQF Level</b>	06
<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>	Module is presented in English
<b>Department</b>	Physiology
<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.

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