

# University of Pretoria Yearbook 2017

## Physiology 270 (FSG 270)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	72.00
<b>Programmes</b>	<a href="#">BChD</a>
<b>Prerequisites</b>	GNK 286, GNK 289, GPS 280, MDB 270, POH 270, ODO 270, PRD 270, ZUL 110, AFR 111, IDE 270
<b>Contact time</b>	1 practical per week, 6 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Physiology
<b>Period of presentation</b>	Year

### Module content

Building blocks and metabolism of molecules, muscle and neurophysiology, cerebrospinal fluid and the special senses. Body fluids; haematology; cardiovascular physiology and the lymphatic system. Structure, gas exchange and non-respiratory functions of the lungs; structure, excretory and non-urinary functions of the kidneys, acid-base balance, as well as the skin and body temperature control. Nutrition, digestion and metabolism; hormonal control of the body functions and the reproductive systems. Where appropriate, case studies will be discussed in order to demonstrate the practical application of the gained physiological knowledge to the clinical management of a dental patient. Practical work to complement the theory.

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