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# University of Pretoria Yearbook 2019

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## 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>	CMY 151, FIL 155, GNK 188, IDE 170, MGW 112, MLB 111, MTL 180, PHY 131, POH 170, SEP 110.
<b>Contact time</b>	6 lectures per week, 1 practical per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</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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