

# University of Pretoria Yearbook 2016

## Aerospace medicine 801 (LRG 801)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	25.00
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Division of Aerospace Medicine
<b>Period of presentation</b>	Year

### Module content

The purpose of this module is to teach the fundamental aspects of aerospace medicine

Topics addressed in this module include:

The atmosphere of the earth and other planets in the solar system; cardiovascular and respiratory physiology; hypoxia and hyperventilation; oxygen equipment, pressure clothing and spacesuits; spacecraft and aircraft cabin pressure, pressure change and its biological effects; subatmospheric decompression sickness; effects of acceleration; head injury and protection; thermal stress; noise and vibration; physiology of sleep and wakefulness; optics and vision; spatial orientation in flight; cosmic radiation; physiological effects of microgravity.

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