

# University of Pretoria Yearbook 2022

## Physics for biology students 131 (PHY 131)

**Qualification** Undergraduate

**Faculty** Faculty of Natural and Agricultural Sciences

**Module credits** 16.00

**NQF Level** 05

**Programmes** BEd (Senior Phase and Further Education and Training Teaching)

BSc (Computer Science)

BChD

BPhysT

MBChB

BSportSci

BSc (Biochemistry)

BSc (Biological Sciences)

BSc (Biotechnology)

BSc (Ecology)

BSc (Entomology)

BSc (Food Science)

BSc (Genetics)

BSc (Human Genetics)

BSc (Human Physiology)

BSc (Human Physiology, Genetics and Psychology)

BSc (Medical Sciences)

BSc (Microbiology)

BSc (Nutrition)

BSc (Plant Science)

BSc (Zoology)

BScAgric (Animal Science)

BScAgric (Applied Plant and Soil Sciences)

BScAgric (Plant Pathology)



## BVSc

<b>Service modules</b>	Faculty of Education
	Faculty of Health Sciences
	Faculty of Veterinary Science
<b>Prerequisites</b>	A candidate must have passed Mathematics with at least 60% in the Grade 12 examination
<b>Contact time</b>	1 discussion class per week, 1 practical per week, 4 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Physics
<b>Period of presentation</b>	Semester 1

### Module content

Units, vectors, one dimensional kinematics, dynamics, work, equilibrium, sound, liquids, heat, thermodynamic processes, electric potential and capacitance, direct current and alternating current, optics, modern physics, radio activity.

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