



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

Service modules

Faculty of Education

Faculty of Health Sciences

Faculty of Veterinary Science

Prerequisites

A candidate must have passed Mathematics with at least 60% in the Grade 12 examination

Contact time

1 discussion class per week, 1 practical per week, 4 lectures per week

Language of tuition

Module is presented in English

Department

Physics

Period of presentation 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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