



University of Pretoria Yearbook 2019

Physical sciences education 310 (JPC 310)

Qualification Undergraduate

Faculty [Faculty of Education](#)

Module content Application of vectors in one and two dimensions in motion and forces. Newton's laws, Momentum, Work and Energy, Waves, Sound and Light Electrostatics, Electric circuits, Magnetism, Electromagnetism, Electrodynamics, Atomic structure, Chemical bonding, Chemical reactions, Stoichiometry, Energy and Chemical change, Reaction rate, Chemical equilibrium, Electrochemistry, Ideal gasses, Properties of materials

Module credits 12.00

Programmes [BEd Senior Phase and Further Education and Training Teaching](#)

Contact time 2 practicals per week, 2 lectures per week

Department Science Mathematics and Technology Education

Period of presentation Semester 2

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