



University of Pretoria Yearbook 2019

Natural sciences education 310 (JNS 310)

Qualification	Undergraduate
Faculty	Faculty of Education
Module credits	12.00
Programmes	BEd Senior Phase and Further Education and Training Teaching
Prerequisites	No prerequisites.
Contact time	2 practicals per week, 2 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

Mechanics, Gravity, Heat, Electricity, Magnetism, Sound and Light in the topic Energy and Change; Atoms, Elements, Chemical Bonds, Acids and bases, Redox Reactions and Organic Chemistry in the topic Matter and Materials; Cells, Photosynthesis, Respiration, Genetics, Evolution, Diversity, Human Biology and Ecosystems in the topic Life and Living; Gravity, Mechanics, Heat, Nuclear Physics, Elements, Compounds and Organic Chemistry in the topic Earth and Beyond.

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