

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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