



University of Pretoria Yearbook 2020

Natural sciences education 310 (JNS 310)

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| Qualification | Undergraduate |
| Faculty | Faculty of Education |
| Module credits | 12.00 |
| Prerequisites | No prerequisites. |
| Contact time | 2 lectures per week, 2 practicals 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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