



University of Pretoria Yearbook 2018

Sciences curriculum 731 (SCU 731)

Qualification Postgraduate

Faculty [Faculty of Education](#)

Module credits 16.00

Programmes [BEdHons Assessment and Quality Assurance in Education and Training](#)

[BEdHons Life Sciences Education](#)

[BEdHons Mathematics Education](#)

[BEdHons Physical Sciences Education](#)

[BEdHons Teacher Education and Professional Development](#)

[BEdHons Technology Education](#)

Language of tuition Module is presented in English

Department Science Mathematics and Technology Education

Period of presentation Semester 2

Module content

The nature of the natural sciences, technology and mathematics: public understanding of scientific, mathematical and technological endeavours and their impact on society. Ethical implications of practices and advances in these fields. Indigenous Knowledge Systems (IKS), ethno-mathematics and technologies and ways of knowing. Implications for teaching and learning content, and anticipated outcomes. The purpose and nature of curricula to develop scientific ways of understanding the world.

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