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# University of Pretoria Yearbook 2016

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## Sciences curriculum 731 (SCU 731)

**Qualification** Postgraduate

**Faculty** [Faculty of Education](#)

**Module credits** 16.00

**Programmes** [BEdHons Life Sciences Education](#)

[BEdHons Mathematics Education](#)

[BEdHons Physical Sciences Education](#)

[BEdHons Teacher Education and Professional Development](#)

[BEdHons Technology Education](#)

**Language of tuition** English

**Academic organisation** Science, Maths + Techno Ed

**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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