

University of Pretoria Yearbook 2019

Sciences curriculum 731 (SCU 731)

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| 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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