



University of Pretoria Yearbook 2017

Analysis 220 (WTW 220)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 12.00 |
| Programmes | BCom BCom Statistics BEd Senior Phase and Further Education and Training Teaching BSc Computer Science BSc Actuarial and Financial Mathematics BSc Applied Mathematics BSc Chemistry BSc Engineering and Environmental Geology BSc Geology BSc Mathematical Statistics BSc Mathematics BSc Meteorology BSc Physics |
| Service modules | Faculty of Education Faculty of Economic and Management Sciences |
| Prerequisites | WTW 114 and WTW 124 |
| Contact time | 1 tutorial per week, 2 lectures per week |
| Language of tuition | Separate classes for Afrikaans and English |
| Academic organisation | Mathematics and Applied Maths |
| Period of presentation | Semester 2 |

Module content

Properties of real numbers. Analysis of sequences and series of real numbers. Power series and theorems of convergence. The Bolzano-Weierstrass theorem. The intermediate value theorem and analysis of real-valued functions on an interval. The Riemann integral: Existence and properties of the interval.



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