



University of Pretoria Yearbook 2020

Geometry 389 (WTW 389)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 18.00 |
| Programmes | BCom Statistics and Data Science BEd Senior Phase and Further Education and Training Teaching BSc Computer Science BSc Applied Mathematics BSc Chemistry BSc Geology BSc Mathematical Statistics BSc Mathematics BSc Physics |
| Service modules | Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Humanities |
| Prerequisites | WTW 211 |
| Contact time | 1 tutorial per week, 2 lectures per week |
| Language of tuition | Afrikaans and English are used in one class |
| Department | Mathematics and Applied Mathematics |
| Period of presentation | Semester 2 |

Module content

Axiomatic development of neutral, Euclidean and hyperbolic geometry. Using models of geometries to show that the parallel postulate is independent of the other postulates of Euclid.

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