



University of Pretoria Yearbook 2022

Geometry 389 (WTW 389)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 18.00

NQF Level 07

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 Module is presented in English

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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