

University of Pretoria Yearbook 2019

Mathematics 412 (IPH 412)

Qualification	Postgraduate
Faculty	Faculty of Education
Module credits	8.00
Prerequisites	As per PGCE entrance requirements.
Contact time	24 lectures per year, 4 tutorials per year
Language of tuition	Separate classes for Afrikaans and English
Department	Science Mathematics and Technology Education
Period of presentation	Year

Module content

IPH 412 entails a thorough overview of the learning content with specific focus on practical application as prescribed by the CAPS and the National Curriculum Statement documents. Mathematics in the Intermediate Phase covers five Content Areas including numbers, operations and relationships; patterns, functions and algebra; space and shape (Geometry); measurement and data handling. With the 5 content areas as backdrop, student-teachers must develop sound teaching practice skills (micro-teaching), curriculum differentiation, content and teaching plans (CAPS) and appropriate informal, formal assessment of content as well as recording, reporting and moderation of assessment.

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