



University of Pretoria Yearbook 2020

Mathematics 412 (SPH 412)

Qualification	Postgraduate
Faculty	Faculty of Education
Module credits	20.00
Programmes	PGCE Senior Phase and Further Education and Training Teaching
Prerequisites	As per PGCE entrance requirements.
Contact time	12 tutorials per year, 60 lectures per year
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Year

Module content

SPH 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 Senior 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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