

University of Pretoria Yearbook 2017

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 60 lectures per year, 12 tutorials per year

Language of tuition Separate classes for Afrikaans and English

Academic organisation Humanities 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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