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# University of Pretoria Yearbook 2021

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## Mathematics 412 (SPH 412)

**Qualification** Postgraduate

**Faculty** [Faculty of Education](#)

**Module credits** 20.00

**NQF Level** 07

**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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