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# University of Pretoria Yearbook 2020

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## Mathematics 412 (IPH 412)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Education</a>
<b>Module credits</b>	8.00
<b>Programmes</b>	<a href="#">PGCE Intermediate Phase Teaching</a>
<b>Prerequisites</b>	As per PGCE entrance requirements.
<b>Contact time</b>	24 lectures per year, 4 tutorials per year
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Department</b>	Science Mathematics and Technology Education
<b>Period of presentation</b>	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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