

## Syllabus outline

Syllabus component	Teaching hours
	SL
All topics are compulsory. Students must study all the sub-topics in each of the topics in the syllabus as listed in this guide. Students are also required to be familiar with the topics listed as prior learning.	
<b>Topic 1</b> Algebra	9
<b>Topic 2</b> Functions and equations	24
<b>Topic 3</b> Circular functions and trigonometry	16
<b>Topic 4</b> Vectors	16
<b>Topic 5</b> Statistics and probability	35
<b>Topic 6</b> Calculus	40
<b>Mathematical exploration</b> Internal assessment in mathematics SL is an individual exploration. This is a piece of written work that involves investigating an area of mathematics.	10
<b>Total teaching hours</b>	<b>150</b>