

## Sample Study Plan for Major in Mathematics with Specialisation

(For students matriculated in AY2021/2022 or after)

Year 1		Year 2		Year 3		Year 4	
Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2	Sem 1	Sem 2
HSA1000 Asian Interconnections		Scientific Inquiry II	Artificial Intelligence	Communities and Engagement	Interdisciplinary I	Interdisciplinary II	MA42xx in Specialisation List
HSH1000 The Human Condition							
HSI1000 How Science Works, Why Science Works			MA2104 Multivariable Calculus	MA2101/MA2101S Linear Algebra II	MA32xx	MA42xx in Specialisation List	MA42xx in Specialisation List
HSS1000 Understanding Social Complexity							
Data Literacy		Writing (SP1541)	MA2108/MA2108S Mathematical Analysis I	MA22xx	MA32xx	MA42xx in Specialisation List	UE5
DTK1234 Design Thinking							
MA1100/MA1100T Basic Discrete Mathematics	MA2002 Calculus	MA2001 Linear Algebra I	MA22xx	MA32xx	MA32xx	MA42xx in Specialisation List	UE6
UE1	UE2	MA2116/MA2116T Probability	UE3	MA32xx	MA4198 Mathematics Capstone Project	UE4	UE7

- Note: 1. To find out how HSA1000, HSH1000, HSI1000, HSS1000 are pre-allocated, click [here](#).
2. Students have to complete all CHS Common Curriculum courses in their first two years except for the following 3 courses:
- Communities and Engagement course – can be taken from Years 2 to 4
  - Two Interdisciplinary courses – can be taken in Years 3 and 4