Department of Mathematics

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 HSH1000 The Human Condition HSI1000 How Science Works, Why Science Works HSS1000 Understanding Social Complexity		Scientific Inquiry II	Artificial Intelligence	Communities and Engagement	Interdisciplinary I	Interdisciplinary II	MA42xx in Specialisation List
		Digital Literacy (CS1010S)	MA2101/MA2101S Linear Algebra II	MA22xx	MA32xx	MA42xx in Specialisation List	MA42xx in Specialisation List
Data Literacy DTK1234 Design Thinking		Writing (SP1541)	MA2104 Multivariable Calculus	MA22xx	MA32xx	MA42xx in Specialisation List	UE5
MA1100/MA1100T Basic Discrete Mathematics	MA2002 Calculus	MA2001 Linear Algebra I	MA2108/MA2108S Mathematical Analysis I	MA32xx	MA32xx	MA42xx in Specialisation List	UE6
UE1	UE2	UE3	MA2116/ST2131 Probability	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