

Sample Study Plan for Major in Mathematics with Minor in Data Analytics

(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	DSA2101 Essential Data Analytics Tools: Data Visualisation
		Digital Literacy (CS1010S)	MA2101/MA2101S Linear Algebra II	MA22xx	MA32xx	MA32xx	UE6
		Writing (SP1541)	MA2104 Multivariable Calculus	MA22xx	MA32xx	MA32xx	UE7
^ Data Literacy							
DTK1234 Design Thinking							
MA1100/MA1100T Basic Discrete Mathematics	MA2002 Calculus	* MA2001 Linear Algebra I	MA2108/MA2108S Mathematical Analysis I	DSA3361 Inferential Data Analytics	MA32xx	MA4198 Mathematics Capstone Project	UE8
UE1	UE2	UE3	MA2116/ST2131 Probability	UE4	DSA3362 Predictive Data Analytics	UE5	UE9

* Double-counted between Major and Minor | ^ Count towards Minor requirements

- Note:
- To find out how HSA1000, HSH1000, HSI1000, HSS1000 are pre-allocated, click [here](#).
 - 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