

## Sample Study Plan for Major in Mathematics with Minor in Statistics

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
Pair 1: Integrated Module in Social Sciences  Pair 2: Integrated Module in Humanities	Pair 1: Integrated Module in Humanities  Pair 2: Integrated Module in Social Sciences	Scientific Inquiry II	Artificial Intelligence	Communities and Engagement	Interdisciplinary I	Interdisciplinary II	UE5
Pair 1: Scientific Inquiry I  Pair 2: Integrated Module in Asian Studies	Pair 1: Integrated Module in Asian Studies  Pair 2: Scientific Inquiry I	Digital Literacy (CS1010S)	MA2101/ MA2101S Linear Algebra II	MA22xx	MA32xx	MA32xx	UE6
ST1131** Introduction to Statistics and Statistical Computing	Design Thinking	Writing (SP1541)	MA2104 Multivariable Calculus	MA22xx	MA32xx	MA32xx	UE7
MA1100/MA1100T Basic Discrete Mathematics	MA2002 Calculus	MA2001 Linear Algebra I	MA2108/ MA2108S Mathematical Analysis I	ST Minor Course 3	MA32xx	MA4198 Mathematics Capstone Project	UE8
UE1	UE2	UE3	MA2116/ST2131 Probability*	UE4	ST Minor Course 4	ST Minor Course 5	UE9

\* Double-counted between the Major and the Minor

\*\* Double-counted as Data Literacy requirement

Note: Students have to complete all CHS Common Curriculum modules in their first two years except for the following 3 modules:

- Communities and Engagement module – can be taken from Years 2 to 4
- Two Interdisciplinary modules – can be taken in Years 3 and 4