Department of Mathematics

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	ST2132 Mathematical Statistics or ST2137 Computer Aided Data Analysis	MA32xx	MA4198 Mathematics Capstone Project	UE8
UE1	Data Literacy (GEA1000)	UE2	MA2116/ST2131 Probability*	UE3	UE4	ST3131 or ST32xx (except ST328x)	UE9

* Double-counted between the Major and the Minor

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