

**Programme Requirement for Bachelor of Computing (Information Systems) (Honours) and
Bachelor of Arts (Economics)**

University Level Requirements			MCs	Sub Total s
GE Modules^a			20	20
Information Systems Modules	MCs	Economics Modules	MCs	
Core Modules	60	Core Modules	20	80
CS1010J Programming Methodology	4			
CS1231 Discrete Structures	4	EC2101 Microeconomic Analysis I	4	
IS1103 Ethics in Computing	4	EC2102 Macroeconomic Analysis I	4	
CS2030 Programming Methodology II	4	EC3101 Microeconomic Analysis II	4	
CS2040 Data Structures and Algorithms	4	EC3102 Macroeconomic Analysis II	4	
CS2102 Database Systems	4	EC3303 Econometrics I	4	
CS2105 Introduction to Computer Networks	4			
IS2102 Enterprise Systems Architecture and Design	4	Faculty Modules	16	16
IS2103 Enterprise Systems Server-side Design and Development	4	Level-1000 Asian Studies	4	
IS3106 Enterprise Systems Interface Design and Development	4	Level-1000 Social Sciences EC1101E Introduction to Economic Analysis	4	
IS4100 IT Project Management	4	Level-1000 Humanities	4	
MA1301/X Introductory Mathematics	4	FAS1101 Writing Academically: Arts and Social Sciences ^b	4	
IS3103 Information Systems Leadership and Communication	4			
IS4103 Information Systems Capstone Project	8			
Common Modules**			16	16
IS2101 Business and Technical Communication ^b			4	
MA1521 Calculus for Computing, or MA1312 Calculus with Applications			4	
ST2334 Probability and Statistics			4	
IS4242 Intelligent Systems and Techniques			4	
Programme Electives	20	Programme Electives	12	32
Choose 5 modules to make up 24 MCs from the list of Programme Electives. 3 of the 5 modules must be at level-4000.	4 MCs each	Select 4 MCs of EC-coded modules at level-3000. The remaining 8 MCs can be a level-2000 or level-3000 elective		
Thesis / Industry Internship^c			12	12
Unrestricted Elective			4	4
Total				180

**Double counting modules across the two programmes.

^a Students under this double degree programme in Information Systems and Economics do not need to take *GET1050 Computational Reasoning*. These students are fulfilling the Information Systems curriculum requirement with necessary computing knowledge. Hence, like the SoC students, the students under this double degree programme in Information Systems and Economics are not required to take GET1050. However, they still need to read a GE module from the Thinking and Expression pillar to meet the 20 MCs of University Level Requirements.

^b USP/U-Town students are not required to read FAS1101. USP/UTown students may replace FAS1101 with UWC2101, UTW1001, or UTW2001. In the event that you exit from USP without having read UWC2101, UTW1001 or UTW2001, you would need to read FAS1101 and IS2101 respectively to count towards the FASS degree's requirements and its CAP.

^c Students pursuing DDP with single honours (i.e., honours in Information Systems and Bachelor without honours in Economics) can choose one of the followings: (1) honours dissertation (for Information Systems) or (2) industry internship programme (for Information Systems). Students aiming for Honours (Highest Distinction) in Information Systems are required to select option (1). This is counted towards the Information Systems requirement only. Regardless of the choice, students are highly encouraged to select a dissertation topic or internship assignment that covers both economics and information systems domain.

Notes:

- (1) FASS students who are admitted into the DDP after the first year of studies are also required to read FAS1101, FAS1103 and CFG1002. This is because these three modules have to be completed within the first year of study.
- (2) Students in this DDP need not read and pass GET1050 Computational Reasoning to fulfil the University's Computational Thinking requirement although this is an identified module for FASS students. This is because this requirement is already fulfilled within the Information Systems degree requirements. Therefore, please take steps to choose another GET module to fulfil your GET pillar requirement. The grade and credits of the Business Analytics module (CS1010S) will count towards the IS degree requirement only.