

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

University Level Requirements				MCs	Sub Totals
GE Modules^a				20	20
Information Systems	Modules	MCs	Economics Modules	MCs	
Core Modules		60	Core Modules	24	84
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	EC3304 Econometrics II	4	
IS2102 Enterprise Systems Architecture and Design		4			
IS2103 Enterprise Systems Server-side Design and Development		4	Faculty Modules	16	16
IS3106 Enterprise Systems Interface Design and Development		4	Level-1000 Asian Studies	4	
IS4100 IT Project Management		4	Level-1000 Social Sciences EC1101E Introduction to Economic Analysis	4	
MA1301/X Introductory Mathematics		4			
IS3103 Information Systems Leadership and Communication		4	Level-1000 Humanities	4	
IS4103 Information Systems Capstone Project		8	FAS1101 Writing Academically: Arts and Social Sciences ^b	4	
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	
Integrated Thesis^c				15	15
Programme Electives		20	Programme Electives	33	53
Choose 5 modules to make up 20 MCs from the list of Programme Electives. 3 of the 5 modules must be at level-4000.		4 MCs each	Select 25 MCs of EC-coded modules at level-4000 or higher. For the remaining 8 MCs of EC-coded modules, 4 MCs must be at level-3000 while the remaining 4 MCs can be a level-2000 or level-3000 elective."		
Total					204

**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 double honours (i.e., Honours in Information Systems and Honours in Economics) can choose one of the followings: (1) Integrated honours thesis [15 MCs] – XFA4406 (for FASS students) or XFC 4102 (for IS students), or (2) Industry Internship Programme (for Information Systems) and Honours thesis (for Economics) [27 MCs]. Students aiming for Honours (Highest Distinction) in Information Systems are required to select option (1).

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.