

**List of Business Analytics and Economics Modules
for Bachelor of Science in Business Analytics (Honours) and Bachelor of Social Sciences (Honours)**

University Level Requirements			MCs	Sub Totals
GE Modules^a			20	20
Business Analytics Modules	MCs	Economics Modules	MCs	
Core Modules	52	Core Modules	24	76
BT1101 Introduction to Business Analytics	4	EC2101 Microeconomic Analysis I	4	
CS1010S Programming Methodology	4	EC2102 Macroeconomic Analysis I	4	
IS1103 Ethics in Computing	4	EC3101 Microeconomic Analysis II	4	
MKT1705X Principles of Marketing	4	EC3102 Macroeconomic Analysis II	4	
BT2101 Decision Making Methods and Tools	4	EC3303 Econometrics I	4	
BT2102 Data Management and Visualisation	4	EC3304 Econometrics II	4	
CS2030 Programming Methodology II	4			
CS2040 Data Structures and Algorithms	4	Faculty Modules	12	12
BT3102 Computational Methods for Business Analytics	4	Level-1000 Asian Studies	4	
BT3103 Application Systems Development for Business Analytics	4	Level-1000 Social Sciences*	-	
IS3103 Information Systems Leadership and Communication	4	Level-1000 Humanities	4	
BT4103 Business Analytics Capstone Project	8	FAS1101 Writing Academically: Arts and Social Sciences ^b	4	
Common Modules**			16	16
IS2101 Business and Technical Communication ^b			4	
EC1101E Introduction to Economic Analysis			4	
MA1521 Calculus for Computing, or MA1102R Calculus			4	
ST2334 Probability and Statistics			4	
Thesis / Industry Internship^c			15 / 27	15 / 27
Programme Electives			24	61
Select 6 modules from Lists A (Business Applications), List B (Analytics Methods) and List C (Technology Implementation) of the degree programme, with at least 2 modules each from Lists A and B, and 5 of the 6 modules must be at level-4000.	4 MCs each	Select 25 MCs of EC-coded modules at level-4000 or higher. Select 8 MCs of EC-coded modules at level-3000. The remaining 4 MCs can be a level-2000 or level-3000 elective		
Total				200 / 212

*Fulfilled by reading EC1101E Introduction to Economic Analysis

**Double counting modules across the two programmes.

^a Students under this double degree programme in business analytics and economics do not need to take GET1050 Computational Reasoning. These students are fulfilling the business analytics curriculum requirement with necessary computing knowledge. Hence, like the SoC students, the students under this double degree programme in business analytics 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 Business Analytics and honours in Economics) can choose one of the followings: (1) integrated honours thesis [15 MCs], or (2) Industry Internship Programme (for Business Analytics) and honours thesis (for Economics) [27 MCs]. Students aiming for Honours (Highest Distinction) in Business Analytics are required to select option (1).

