

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

University Level Requirements			MCs	Sub Totals
GE Modules^a			20	20
Business Analytics Modules		MCs	Economics Modules	
Core Modules		52	Core Modules	
			20	72
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			
CS2030 Programming Methodology II	4	Faculty Modules	12	12
CS2040 Data Structures and Algorithms	4	Level-1000 Asian Studies	4	
BT3102 Computational Methods for Business Analytics	4	Level-1000 Social Sciences*	-	
BT3103 Application Systems Development for Business Analytics	4	Level-1000 Humanities	4	
IS3103 Information Systems Leadership and Communication	4	FAS1101 Writing Academically: Arts and Social Sciences ^b	4	
BT4103 Business Analytics Capstone Project	8			
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	
Programme Electives			24	40
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 8 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 Electives			8	8
Total				180

*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 single honours (i.e., honours in Business Analytics and Bachelor without honours in Economics) can choose one of the followings: (1) honours dissertation (for Business Analytics) or (2) industry internship programme (for Business Analytics). Students aiming for Honours (Highest Distinction) in Business Analytics are required to select option (1). This is counted towards the Business Analytics requirement only.