Programme Requirement for Bachelor of Science (Business Analytics) (Honours) and Bachelor of Social Sciences (Economics) (Honours) for 2021 cohort

University Level Requirements			MCs	Sub Totals
General Education and CHS common core[a] Refer to Table A			40	*40*

Information Systems Modules	MCs	Economics Modules	MCs	
Core Modules	**52**	**Core Modules**	**24**	*76*
IS1103 Ethics in Computing	4	EC1101E Introduction to Economic Analysis	4	
MA1311 Matrix Algebra, or MA2001 Linear Algebra I [2]	4	EC2101 Microeconomic Analysis I	4	
BT2101 Econometrics Modeling for Business Analytics	4	EC2102 Macroeconomic Analysis I	4	
BT2102 Data Management and Visualisation	4	EC3101 Microeconomic Analysis II	4	
BT2103 Optimization Methods in Business Analytics	4	EC3102 Macroeconomic Analysis II	4	
BT2201 Business Concepts and Metrics for Analytics	4	EC3303 Econometrics I	**4**	
CS2030 Programming Methodology I	4			
CS2040 Data Structures and Algorithms	4			
BT3102 Computational Methods for Business Analytics	4			
BT3103 Application Systems Development for Business Analytics	4			
IS3103 Information Systems Leadership and Communication	4			
BT4103 Business Analytics Capstone Project	8			
Common Modules**			**20**	*20*
BT1101 Introduction to Business Analytics			4	4
CS1010S Programming Methodology			4	4
FAS1101 Writing Academically or IS2101 Business and Technical Communication[b]			4	4
MA1521 Calculus for Computing, or MA1312 Calculus with Applications or MA2002 Calculus			4	4
ST2334 Probability and Statistics			4	4
Either (1) Integrated Thesis from both faculties			12	*12*
or (2) IS Industry Internship and Economics Thesis[c]			24	*24*
Programme Electives	**24**	**Programme Electives**	**16**	*40*

Choose 6 modules to make up 24 MCs from Lists A, B and C, with at least 2 modules each from List A and List B. 4 of 6 modules must be at level-4000. Please click here for electives in each list.	4 MCs each	A minimum of 8 MCs of EC modules at level-4000 or higher, with the remaining 8 MCs at level-3000 or higher.		
Total				*188 (integrated thesis)* *200 (industry internship option)*

**Double counting modules across the two programmes.

[a] Students under this double degree programme in Business Analytics and Economics do not need to take *GEI module under Digital Literacy Pillar*. These students are fulfilling the Business Analytics curriculum requirement with the necessary computing/digital literacy by taking CS1010S Programming Methodology which will fulfil *Digital Literacy Pillar* under the enhanced General Education curriculum. Students under this double degree programme in Business Analytics and Economics do not need to take *GEA module under Data Literacy pillar*. These students are fulfilling the Information Systems curriculum requirement with the necessary data literacy knowledge by taking BT1101 Introdcution to Business Analytics which will fulfil *Data Literacy Pillar* under the enhanced General Education curriculum.

[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 either FAS1101or IS2101 to fulfil both degrees' requirements and the grade to be factored into their respective CAP.

[c] Students pursuing DDP with double honours (i.e., honours in Business Analytics and honours in Economics) can choose one of the following: (1) integrated honours thesis (either XFC4101 or XFA4414 [12MCs], or (2) Industry Internship Programme (for Business Analytics) and honours thesis (for Economics) [20 MCs]. Students aiming for Honours (Highest Distinction) in Business Analytics are required to select option (1).

Notes:

(1) Students in the RVRC, USP and UTCPs will read the respective college programmes' modules and count them towards part of the CHS common core requirements as laid out in Table B.
(2) For more details on list of BZA programme electives and requirements for completion of Specialisations, please refer to: https://www.comp.nus.edu.sg/cug/per-cohort/ba/ba-21-22/