

**Programme Requirement for Bachelor of Science (Business Analytics) (Honours) and  
Bachelor of Social Sciences (Economics) (Honours) for 2022 cohort and after**

<b>University Level Requirements</b>			<b>Units</b>	<b>Sub Totals</b>
<b>General Education and CHS-SoC common curriculum<sup>a,b</sup></b> Refer to Table A			<b>44</b>	<b>44</b>
<b>Business Analytics Courses</b>	<b>Units</b>	<b>Economics Courses</b>	<b>Units</b>	
<b>Core Courses</b>	<b>36</b>	<b>Core Courses</b>	<b>24</b>	<b>60</b>
MA1311 Matrix Algebra, or MA2001 Linear Algebra I	4	EC1101E Introduction to Economic Analysis	4	
BT2101 Econometrics Modeling for Business Analytics	4	EC2101 Microeconomic Analysis I	4	
BT2102 Data Management and Visualisation	4	EC2102 Macroeconomic Analysis I	4	
CS2030 Programming Methodology I	4	EC3101 Microeconomic Analysis II	4	
CS2040 Data Structures and Algorithms	4	EC3102 Macroeconomic Analysis II	4	
BT3103 Application Systems Development for Business Analytics	4	EC3303 Econometrics I	4	
IS3103 Information Systems Leadership and Communication	4			
BT4103 Business Analytics Capstone Project	8			
<b>Common Courses**</b>			<b>20</b>	<b>20</b>
BT1101 Introduction to Business Analytics <sup>a</sup>			4	4
CS1010S Programming Methodology <sup>a</sup>			4	4
FAS1101 Writing Academically or IS2101 Business and Technical Communication <sup>b</sup>			4	4
MA1521 Calculus for Computing, or MA1312 Calculus with Applications or MA2002 Calculus			4	4
ST2334 Probability and Statistics			4	4
<b>Either (1) Integrated Thesis from both faculties or (2) IS Industry Internship and Economics Thesis<sup>c</sup></b>			<b>12</b>	<b>12</b>
			<b>20</b>	<b>20</b>
<b>Programme Electives</b>	<b>20</b>	<b>Programme Electives</b>	<b>16 (integrated thesis)</b>	<b>36 (integrated thesis)</b>
			<b>20 (industry internship option)</b>	<b>40 (industry internship option)</b>
Complete 5 Business Analytics programme elective Courses with at least 3 Courses at Level-	4 Units each	For the integrated thesis option: Out of the 16MCs, a minimum of 8 Units of EC		

<p>4000 and at least 3 must be BT-coded Courses. Please click <a href="#">here</a> for electives in each list.</p>		<p>Courses at level-4000 or higher, with the remaining 8 Units at EC level-3000 or higher.</p> <p>For the internship option: Out of the 20 Units, a minimum of 12 Units of EC Courses at level-4000 or higher, with the remaining 8 Units at EC level-3000 Courses or higher</p> <p>In summary, a minimum of 20 Units of EC level-4000 Courses should be read and passed.</p>		
<p><b>Total</b></p>				<p><b>172</b> <i>(integrated thesis)</i> <b>184</b> <i>(industry internship option)</i></p>

\*\*Double counting Courses across the two programmes.

<sup>a</sup> 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 Business Analytics curriculum requirement with the necessary data literacy knowledge by taking BT1101 Introduction to Business Analytics which will fulfil *Data Literacy Pillar* under the enhanced General Education curriculum.

<sup>b</sup> NUSC/U-Town students are not required to read FAS1101. NUSC/U-Town students may replace FAS1101 with NUSC-Thinking with Writing module, UTW1001, or UTW2001. In the event that you exit from NUSC/U-Town without having read NUSC-Thinking with Writing module, UTW1001 or UTW2001, you would need to read either FAS1101 or IS2101 to fulfil both degrees' requirements and the grade to be factored into their respective CAP.

<sup>c</sup> 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 [12 Units], or (2) Industry Internship Programme (for Business Analytics) and honours thesis (for Economics) [20 Units]. The Honours thesis for Economics may be replaced with regular EC4000 Courses,

amounting to 8 Units, for option (2). Hence, students aiming for Honours (Highest Distinction) in Business Analytics are required to select option (1).

**Notes:**

- (1) Students in the NUSC, RVRC, and UTCs 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/cugresource/per-cohort/ba/ba-22-23/>