Programme Requirement for Bachelor of Computing (Information Systems) (Honours) and Bachelor of Social Sciences (Economics) (Honours) for 2024 cohort

University Level Requirements			Units	Sub Totals
General Education and CHS-SoC common curriculum[a,b] Refer to Table A			44	*44*

Information Systems Courses	Units	Economics Courses	Units	
Core Courses	**36**	**Core Courses**	**24**	*60*
BT2102 Database Management and Visualization or CS2102 Database Systems	4	EC1101E Introduction to Economic Analysis	4	
CS2030 Programming Methodology II	4	EC2101 Microeconomic Analysis I	4	
CS2040 Data Structures and Algorithms	4	EC2102 Macroeconomic Analysis I	4	
IS2102 Enterprise Systems Architecture and Design	4	EC3101 Microeconomic Analysis II	4	
IS2103 Enterprise Systems Server-side Design and Development	4	EC3102 Macroeconomic Analysis II	4	
IS3103 Information Systems Leadership and Communication	4	EC3303 Econometrics I	4	
IS3106 Enterprise Systems Interface Design and Development	4			
IS4103 Information Systems Capstone Project	8			
Common Courses**			**24**	*24*
BT1101 Introduction to Business Analytics[a]			4	4
CS1010J Programming Methodology[a]			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
IS4242 Intelligent Systems and Techniques+			4	4
Either (1) Integrated Thesis from both faculties			12	*12*
or (2) IS Industry Internship and Economics Honours Thesis[c]			20	*20*
Programme Electives	**16**	**Programme Electives**	12 (Integrated thesis) 16 (internship option)	*28 (Integrated thesis)* *32 (internship option)*
Since IS4242+ is read as common course as stated		For the integrated thesis option: Out of the 12 units, a		

above, students must choose another 4 courses to make up 20 units from the list of Programme Electives, with 3 out of 5 courses being at level-4000. Please click here for IS programme electives and Specialisation requirements.	minimum of 4 units of EC courses at level-4000 or higher, with the remaining 8 units at EC level-3000 or higher. For the internship option: Out of the 16 units, a minimum of 8 units of EC courses at level-4000 or higher, with the remaining 8 units at EC level-3000 courses or higher In summary, a minimum of 20 units of EC level-4000 courses should be read and passed.		
Total			*168 (integrated thesis)* *180 (industry internship option)*

**Double counting courses for CHS-SoC Common curriculum.

[a] Students under this double degree programme in Information Systems and Economics do not need to take *GEI course under Digital pillar*. These students are fulfilling the Information Systems curriculum requirement with the necessary computing knowledge by taking CS1010J Programming Methodology which will fulfil Digital Literacy Pillar under the enhanced General Education curriculum. Students under this double degree programme in Information Systems and Economics do not need to take *GEA course 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] NUSC/U-Town students are not required to read FAS1101. NUSC/U-Town students may replace FAS1101 with NUSC-Thinking with Writing, UTW1001, or UTW2001. In the event you exit from NUSC/U-Town without having read NUSC-Thinking with Writing, UTW1001 or UTW2001, you would need to read FAS1101 or IS2101 to count towards both degrees' requirements and the grade factored into their respective CAPs.

[c] Students pursuing DDP with double honours (i.e., honours in Information Systems and honours in Economics) can choose one of the following: (1) integrated honours thesis (either XFC4101 or XFA4415 [12 units], or (2) Industry Internship Programme (for Information Systems) 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 Information Systems are required to select option (1).

Notes:

(1) Students in the NUSC, RVRC and UTCPs will read the respective college programmes' courses and count them towards part of the CHS common core requirements as laid out in Table B.

(2) For more details on the list of IS programme electives and requirements for the completion of Information Systems Specialisations, please refer to: https://www.comp.nus.edu.sg/cug/per-cohort/is/is-24-25/