

**Programme Requirement for Bachelor of Computing (Information Systems) (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 | | 48 | Core Modules | |
| | | | 24 | 72 |
| 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 |
| IS1103 Ethics in Computing | | 4 | EC3101 Microeconomic Analysis II | 4 |
| IS2102 Enterprise Systems Architecture and Design | | 4 | EC3102 Macroeconomic Analysis II | 4 |
| IS2103 Enterprise Systems Server-side Design and Development | | 4 | EC3303 Econometrics I | 4 |
| IS3103 Information Systems Leadership and Communication | | 4 | | |
| IS3106 Enterprise Systems Interface Design and Development | | 4 | | |
| IS3107 Data Engineering | | 4 | | |
| IS4103 Information Systems Capstone Project | | 8 | | |
| IS4301 Agile IT with DevOps | | 4 | | |
| Common Modules** | | | 24 | 24 |
| BT1101 Introduction to Business Analytics | | | 4 | 4 |
| CS1010J 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 |
| IS4242 Intelligent Systems and Techniques+ | | | 4 | 4 |
| Either (1) Integrated Thesis from both faculties or (2) IS Industry Internship and Economics Honours Thesis^c | | | 12 | 12 |
| | | | 24 | 24 |
| Programme Electives | | 24 | Programme Electives | |
| | | | 12 | 36 |
| Since IS4242+ is read as common module as stated above, students must choose another 6 modules to | | | A minimum of 8 MCs of EC modules at level-4000 or higher, | |

| | | | | |
|--|--|---|--|---|
| make up 24 MCs from the list of Programme Electives, with 3 out of 6 modules being at level-4000. Please click here for IS programme electives and Specialisation requirements. | | with the remaining 4 MCs at level-3000 or higher. | | |
| Total | | | | 184 (integrated thesis) 196 (industry internship option) |

**Double counting modules across the two programmes.

^a Students under this double degree programme in Information Systems and Economics do not need to take *GEI module 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 module under Data Literacy pillar*. These students are fulfilling the Information Systems 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.

^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 you exit from USP without having read UWC2101, 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 MCs]), or (2) Industry Internship Programme (for Information Systems) and honours thesis (for Economics) [24 MCs]. Students aiming for Honours (Highest Distinction) in Information Systems are required to select option (1).

Notes:

(1) Students in the RVRC, USP 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 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-21-22/>