# CHECKLIST Bachelor of Information Technology – Completion of pre-2021 program (2230)

IMPORTANT Notes:
- The information contained in this document is intended as general advice only. Students must follow the program rules & requirements listed on the Programs and Courses Website relevant to the year they commence. This planner must be used in conjunction with your program duration course list and program rules.
- Students need to check future course offerings, prerequisites, incompatibilities and restrictions for all courses as these are subject to change.
- Students cannot take courses that are incompatible with courses already counted towards their program, and cannot count the same course twice.

For the Bachelor of Information Technology (2230), you are required to complete **one of the following**:

1. BInfTech with no major, 48 units comprising -
   a. at least 18 units from Part A; and
   b. at least 6 units from part B, with at least 2 units from part B1; and
   c. at least 8 units from part C; and
   d. the balance from electives being courses from Part D or other courses approved by the Executive Dean; with no more than 8 units of level 1 courses; OR
2. BInfTech with a single major, 48 units comprising -
   a. at least 18 units from Part A; and
   b. 14 units from Part E under one heading; and
   c. the balance from electives being courses from parts B, C or D or other courses approved by the Executive Dean with no more than 8 units of level 1 courses; OR
3. BInfTech with a two single majors, 48 units comprising -
   a. at least 18 units from Part A; and
   b. 14 units from Part E under one heading; and
   c. 14 units from Part E under another heading where courses which are compulsory in both majors must be substituted by courses from part B or C; and
   d. the balance from electives being courses from parts B, C or D or other courses approved by the Executive Dean; OR
4. BInfTech with a dual major, 48 units comprising -
   a. at least 18 units from Part A; and
   b. 24 units from Part F under one heading; and
   c. the balance from electives being courses from parts B, C or D or other courses approved by the Executive Dean.
   d. no more than 20 units of level 1 courses.

Tick the courses you have completed and nominate the alternative course you plan to choose (if required). Discontinued courses are coloured red.

| ✓/x compl. | Pre-2021 Part A list | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **14 units for all of Part A1** | | | | | | |
| | **CSSE1001** Introduction to Software Engineering | 2 | | **CSSE1001** Introduction to Software Engineering | 1, 2 | 2 | |
| | **DECO1100** Design Thinking | 2 | | **DECO1100** Design Thinking | 1 | 2 | |
| | **DECO1400** Introduction to Web Design | 2 | | **DECO1400** Introduction to Web Design | 1 | 2 | |
| | **DECO1800** Design Computing Studio 1 – Interactive | 2 | | **DECO1800** Design Computing Studio 1 – Interactive | 2 | 2 | |
| | **DECO2800** Design Computing Studio 2 – Testing & Evaluation (discontinued) | 2 | 2/22 | **DECO2850** Design Computing Studio 2 - Interaction Design | 2 | 2 | **2/23** |

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| | | # | Last offered | | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | INFS1200 Introduction to Information Systems | 2 | | INFS1200 Introduction to Information Systems | 1,2 | 2 | |
| | MATH1061 Discrete Mathematics | 2 | | MATH1061 Discrete Mathematics | 1,2 | 2 | |
| 4 units from Part A2 | | | | | | | |
| | DECO3800 Design Computing Studio 3 – Proposal | 2 | | DECO3800 Design Computing Studio 3 – Proposal | 1 | 2 | |
| | DECO3801 Design Computing Studio 3 - Build | 2 | | DECO3801 Design Computing Studio 3 - Build | 2 | 2 | |

| ✓/X compl. | Part B – Introductory Electives | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | Part B1 | | | | | | |
| | CSSE2002 Programming in the Large | 2 | | CSSE2002 Programming in the Large | 1,2 | 2 | |
| | INFS2200 Relational Database Systems | 2 | | INFS2200 Relational Database Systems | 2 | 2 | |
| | Part B2 | | | | | | |
| | COSC2500 Numerical Methods in Computational Science | 2 | | COSC2500 Numerical Methods in Computational Science | 2 | 2 | |
| | CSSE2010 Introduction to Computer Systems | 2 | | CSSE2010 Introduction to Computer Systems | 1,2 | 2 | |
| | CSSE2310 Computer Systems Principles and Programming | 2 | | CSSE2310 Computer Systems Principles and Programming | 1,2 | 2 | |
| | DECO2200 Graphic Design | 2 | | DECO2200 Graphic Design | 1 | 2 | |
| | DECO2300 Digital Prototyping | 2 | | DECO2300 Digital Prototyping | 2 | 2 | |
| | DECO2500 Human-Computer Interaction | 2 | | DECO2500 Human-Computer Interaction | 1 | 2 | |
| | SCIE2100 Introduction to Bioinformatics | 2 | | SCIE2100 Bioinformatics 1: Introduction | 1 | 2 | |
| | | | | *COMP2140 Web/Mobile Programming* | 2 | 2 | **2/22** |

| ✓/X compl. | Part C – Advanced Electives | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | BISM3222 Information Analysis & System Design | 2 | | BISM3222 Information Analysis & System Design | 1 | 2 | |
| | COMP3301 Operating Systems Architecture | 2 | | COMP3301 Operating Systems Architecture | 2 | 2 | |
| | COMP3506 Algorithms & Data Structures | 2 | | COMP3506 Algorithms & Data Structures | 2 | 2 | |

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| ✓/✗ compl. | Course | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **COMP3702** Artificial Intelligence | 2 | | **COMP3702** Artificial Intelligence | 2 | 2 | |
| | **COMS3000 Information Security** (discontinued) | 2 | **2/20** | **CYBR3000** Information Security | 2 | 2 | **2/21** |
| | **COMS3200** Computer Networks 1 | 2 | | **COMS3200** Computer Networks 1 | 1 | 2 | |
| | **COSC3000** Visualization, Computer Graphics & Data Analysis | 2 | | **COSC3000** Visualization, Computer Graphics & Data Analysis | 1 | 2 | |
| | **COSC3500** High-Performance Computing | 2 | | **COSC3500** High-Performance Computing | 2 | 2 | |
| | **CSSE3002 The Software Process** (discontinued) | 2 | **1/20** | **CSSE3012** The Software Process | 1 | 2 | **1/21** |
| | **CSSE3100** Reasoning About Programs | 2 | | **CSSE3100** Reasoning About Programs | 1 | 2 | |
| | **DECO3500** Social & Mobile Computing | 2 | | **DECO3500** Social & Mobile Computing | 2 | 2 | |
| | **DECO3850** Physical Computing & Interaction Design Studio | 4 | | **DECO3850** Physical Computing & Interaction Design Studio | 1,2 | 2 | |
| | **INFS3200** Advanced Database Systems | 2 | | **INFS3200** Advanced Database Systems | 1,2 | 2 | |
| | **INFS3202** Web Information Systems | 2 | | **INFS3202** Web Information Systems | 1 | 2 | |
| | **INFS3208** Cloud Computing | 2 | | **INFS3208** Cloud Computing | 2 | 2 | |
| | **MATH3201** Scientific Computing: Advanced Techniques and Applications | 2 | | **MATH3201** Scientific Computing: Advanced Techniques and Applications | 1 | 2 | |
| | **MATH3202** Operations Research & Mathematical Planning | 2 | | **MATH3202** Operations Research & Mathematical Planning | 1 | 2 | |
| | **MATH3302** Coding & Cryptography | 2 | | **MATH3302** Coding & Cryptography | 1 | 2 | |

| ✓/✗ compl. | Part D – Other Electives | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **ACCT1101** Accounting for Decision Making | 2 | | **ACCT1101** Accounting for Decision Making | 1,2 | 2 | |
| | **BIOL1020** Genes, Cells & Evolution | 2 | | **BIOL1020** Genes, Cells & Evolution | 1, 2 | 2 | |
| | **BIOL2202** Genetics | 2 | | **BIOL2202** Genetics | 2 | 2 | |
| | **BIOL3004** Genomics & Bioinformatics (discontinued) | 2 | **1/20** | **BIOL3303** Genomics | 1 | 2 | **1/21** |
| | **BIOL3014** Advanced Bioinformatics (discontinued) | 2 | **2/20** | **BINF3014** Advanced Bioinformatics (discontinued) | 2 | 2 | **2/21** |
| | **BISM3205** Business Information Security | 2 | | **BISM3205** Business Information Security | 1 | 2 | |

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| | | | | | | |
|---|---|---|---|---|---|---|
| **CHEM1100** Chemistry 1 | 2 | | **CHEM1100** Chemistry 1 | 1, 2 | 2 | |
| **COMU1130** Connectivity and Culture | 2 | | **COMU1130** Connectivity and Culture | 2 | 2 | |
| **COMU1140** Multimedia | 2 | | **COMU1140** Multimedia | 1,2,S | 2 | |
| **ECON1010** Introductory Microeconomics | 2 | | **ECON1010** Introductory Microeconomics | 1,2,S | 2 | |
| **ENGG1300** Introduction to Electrical Systems | 2 | | **ENGG1300** Introduction to Electrical Systems | 1, 2 | 2 | |
| **ENGG1600** Introduction to Research Practices - The Big Issues | 2 | | **ENGG1600** Introduction to Research Practices - The Big Issues | 2 | 2 | |
| **LAWS1100** Business Law | 2 | | **LAWS1100** Business Law | 1, 2 | 2 | |
| **MGTS1301** Introduction to Management | 2 | | **MGTS1301** Introduction to Management | 1, 2 | 2 | |
| **MKTG1501** Foundations of Marketing | 2 | | **MKTG1501** Foundations of Marketing | 1, 2 | 2 | |
| **MATH1050** Mathematical Foundations | 2 | | **MATH1050** Mathematical Foundations | 1,2 | 2 | |
| **MATH1051** Calculus & Linear Algebra I | 2 | | **MATH1051** Calculus & Linear Algebra I | 1,2 | 2 | |
| **MATH1052** Multivariate Calculus & Ordinary Differential Equations | 2 | | **MATH1052** Multivariate Calculus & Ordinary Differential Equations | 1,2 | 2 | |
| <span style="color:red">**MATH2000** Calculus & Linear Algebra II (discontinued)</span> | 2 | **2/20** | **MATH2001** Calculus & Linear Algebra II | 1,2,S | 2 | |
| **MATH2301** Linear & Abstract Algebra & Number Theory | 2 | | **MATH2301** Linear & Abstract Algebra & Number Theory | 1 | 2 | |
| **MATH2302** Discrete Mathematics II | 2 | | **MATH2302** Discrete Mathematics II | 2 | 2 | |
| **MATH3104** Mathematical Biology | 2 | | **MATH3104** Mathematical Biology | 1 | 2 | |
| **PHYS1002** Electromagnetism & Modern Physics | 2 | | **PHYS1002** Electromagnetism & Modern Physics (sem 2 only from 2022) | 2 | 2 | |
| **SCIE1000** Theory & Practice in Science | 2 | | **SCIE1000** Theory & Practice in Science | 1,2,S | 2 | |
| **STAT2003** Mathematical Probability | 2 | | **STAT2003** Mathematical Probability | 1 | 2 | |
| **STAT2004** Statistical Modelling & Analysis | 2 | | **STAT2004** Statistical Modelling & Analysis | 2 | 2 | |
| Courses offered on an occasional basis | | | | | | |
| **COMP2000** Special Topics in Computer Science 2A | 2 | | **COMP2000** Special Topics in Computer Science 2A | | 2 | |
| **COMP2001** Special Topics in Computer Science 2B | 2 | | **COMP2001** Special Topics in Computer Science 2B | | 2 | |
| **COMP3000** Special Topics in Computer Science 3A | 2 | | **COMP3000** Special Topics in Computer Science 3A | | 2 | |
| **COMP3001** Special Topics in Computer Science 3B | 2 | | **COMP3001** Special Topics in Computer Science 3B | | 2 | |
| **COMP3880** International Software Development | 2 | | **COMP3880** International Software Development | | 2 | |
| **CSSE3006** Special Projects in Computer Systems and Software | 2 | | **CSSE3006** Special Projects in Computer Systems and Software Engineering | | 2 | |

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| ✓/x compl. | | # | Last offered | If NOT completed | | # | First offered |
|---|---|---|---|---|---|---|---|
| | Engineering | | | | | | |
| | **CSSE3080** Special Topics in Computer Systems 3A | 2 | | **CSSE3080** Special Topics in Computer Systems 3A | | 2 | |
| | **CSSE3081** Special Topics in Computer Systems 3B | 2 | | **CSSE3081** Special Topics in Computer Systems 3B | | 2 | |
| | **CSSE3090** Special Topics in Software Engineering 3A | 2 | | **CSSE3090** Special Topics in Software Engineering 3A | | 2 | |
| | **CSSE3091** Special Topics in Software Engineering 3B | 2 | | **CSSE3091** Special Topics in Software Engineering 3B | | 2 | |
| | **DECO2000** Special Topics in Design Computing 2A | 2 | | **DECO2000** Special Topics in Design Computing 2A | | 2 | |
| | **DECO2001** Special Topics in Design Computing 2B | 2 | | **DECO2001** Special Topics in Design Computing 2B | | 2 | |
| | **DECO3000** Special Topics in Design Computing 3A | 2 | | **DECO3000** Special Topics in Design Computing 3A | | 2 | |
| | **DECO3001** Special Topics in Design Computing 3B | 2 | | **DECO3001** Special Topics in Design Computing 3B | | 2 | |

## Part E – Majors

| ✓/x compl. | Major in Computer Systems & Networks (14 units) | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **COMP3301** Operating Systems Architecture | 2 | | **COMP3301** Operating Systems Architecture | 2 | 2 | |
| | **COMP3506** Algorithms & Data Structures | 2 | | **COMP3506** Algorithms & Data Structures | 2 | 2 | |
| | **COMS3000 Information Security** (discontinued) | 2 | **2/20** | **CYBR3000** Information Security | 2 | 2 | **2/21** |
| | **COMS3200** Computer Networks I | 2 | | **COMS3200** Computer Networks I | 1 | 2 | |
| | **CSSE2002** Programming in the Large | 2 | | **CSSE2002** Programming in the Large | 1, 2 | 2 | |
| | **CSSE2010** Introduction to Computer Systems | 2 | | **CSSE2010** Introduction to Computer Systems | 1, 2 | 2 | |
| | **CSSE2310** Computer Systems Principles and Programming | 2 | | **CSSE2310** Computer Systems Principles and Programming | 1, 2 | 2 | |

| ✓/x compl. | Major in Software Design (14 units) | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | 8 units for | | | | | | |
| | **COMP3506** Algorithms & Data Structures | 2 | | **COMP3506** Algorithms & Data Structures | 2 | 2 | |
| | **CSSE2002** Programming in the Large | 2 | | **CSSE2002** Programming in the Large | 1, 2 | 2 | |
| | **CSSE2010** Introduction to Computer Systems | 2 | | **CSSE2010** Introduction to Computer Systems | 1, 2 | 2 | |
| | **CSSE3002 The Software Process** (discontinued) | 2 | **1/20** | **CSSE3012** The Software Process | 1 | 2 | **1/21** |
| | and 2 units from | | | | | | |
| | **CSSE2310** Computer Systems Principles and Programming | 2 | | **CSSE2310** Computer Systems Principles and Programming | 1, 2 | 2 | |

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| ✓/x compl. | | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | DECO2500 Human-Computer Interaction | 2 | | DECO2500 Human-Computer Interaction | 1 | 2 | |
| | and 4 units from | | | | | | |
| | COMP3301 Operating Systems Architecture | 2 | | COMP3301 Operating Systems Architecture | 2 | 2 | |
| | COMP3702 Artificial Intelligence | 2 | | COMP3702 Artificial Intelligence | 2 | 2 | |
| | COMS3000 Information Security (discontinued) | 2 | 2/20 | CYBR3000 Information Security | 2 | 2 | 2/21 |
| | COMS3200 Computer Networks 1 | 2 | | COMS3200 Computer Networks 1 | 1 | 2 | |
| | CSSE3100 Reasoning About Programs | 2 | | CSSE3100 Reasoning About Programs | 1 | 2 | |
| | DECO3500 Social & Mobile Computing | 2 | | DECO3500 Social & Mobile Computing | 2 | 2 | |
| | INFS3202 Web Information Systems | 2 | | INFS3202 Web Information Systems | 1 | 2 | |

| ✓/x compl. | Major in Software Information Systems (14 units) | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | 2 units for | | | | | | |
| | INFS2200 Rational Database Systems | 2 | | INFS2200 Rational Database Systems | 2 | 2 | |
| | and 4 units from | | | | | | |
| | CSSE2002 Programming in the Large | 2 | | CSSE2002 Programming in the Large | 1,2 | 2 | |
| | COSC2500 Numerical Methods in Computational Science | 2 | | COSC2500 Numerical Methods in Computational Science | 2 | 2 | |
| | CSSE2010 Introduction to Computer Systems | 2 | | CSSE2010 Introduction to Computer Systems | 1,2 | 2 | |
| | CSSE2310 Computer Systems Principles and Programming | 2 | | CSSE2310 Computer Systems Principles and Programming | 1,2 | 2 | |
| | DECO2200 Graphic Design | 2 | | DECO2200 Graphic Design | 1 | 2 | |
| | DECO2300 Digital Prototyping | 2 | | DECO2300 Digital Prototyping | 2 | 2 | |
| | DECO2500 Human-Computer Interaction | 2 | | DECO2500 Human-Computer Interaction | 1 | 2 | |
| | SCIE2100 Introduction to Bioinformatics | 2 | | SCIE2100 Bioinformatics 1: Introduction | 1 | 2 | |
| | and 6 units from | | | | | | |
| | INFS3200 Advanced Database Systems | 2 | | INFS3200 Advanced Database Systems | 1,2 | 2 | |
| | INFS3202 Web Information Systems | 2 | | INFS3202 Web Information Systems | 1 | 2 | |
| | INFS3208 Cloud Computing | 2 | | INFS3208 Cloud Computing | 2 | 2 | |
| | BISM3222 Information Analysis & System Design | 2 | | BISM3222 Information Analysis & System Design | 1 | 2 | |
| | and 2 units from | | | | | | |

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| ✓/x compl. | Course | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **BISM3222** Information Analysis & System Design | 2 | | **BISM3222** Information Analysis & System Design | 1 | 2 | |
| | **COMP3301** Operating Systems Architecture | 2 | | **COMP3301** Operating Systems Architecture | 2 | 2 | |
| | **COMP3506** Algorithms & Data Structures | 2 | | **COMP3506** Algorithms & Data Structures | 2 | 2 | |
| | **COMP3702** Artificial Intelligence | 2 | | **COMP3702** Artificial Intelligence | 2 | 2 | |
| | **COMS3000 Information Security** (discontinued) | 2 | **2/20** | **CYBR3000** Information Security | 2 | 2 | **2/21** |
| | **COMS3200** Computer Networks 1 | 2 | | **COMS3200** Computer Networks 1 | 1 | 2 | |
| | **COSC3000** Visualization, Computer Graphics & Data Analysis | 2 | | **COSC3000** Visualization, Computer Graphics & Data Analysis | 1 | 2 | |
| | **COSC3500** High-Performance Computing | 2 | | **COSC3500** High-Performance Computing | 2 | 2 | |
| | **CSSE3002 The Software Process** (discontinued) | 2 | **1/20** | **CSSE3012** The Software Process | 1 | 2 | **1/21** |
| | **CSSE3100** Reasoning About Programs | 2 | | **CSSE3100** Reasoning About Programs | 1 | 2 | |
| | **DECO3500** Social & Mobile Computing | 2 | | **DECO3500** Social & Mobile Computing | 2 | 2 | |
| | **DECO3850** Physical Computing & Interaction Design Studio | 4 | | **DECO3850** Physical Computing & Interaction Design Studio | 1,2 | 2 | |
| | **INFS3200** Advanced Database Systems | 2 | | **INFS3200** Advanced Database Systems | 1,2 | 2 | |
| | **INFS3202** Web Information Systems | 2 | | **INFS3202** Web Information Systems | 1 | 2 | |
| | **INFS3208** Cloud Computing | 2 | | **INFS3208** Cloud Computing | 2 | 2 | |
| | **MATH3201** Scientific Computing: Advanced Techniques and Applications | 2 | | **MATH3201** Scientific Computing: Advanced Techniques and Applications | 1 | 2 | |
| | **MATH3202** Operations Research & Mathematical Planning | 2 | | **MATH3202** Operations Research & Mathematical Planning | 1 | 2 | |
| | **MATH3302** Coding & Cryptography | 2 | | **MATH3302** Coding & Cryptography | 1 | 2 | |

| ✓/x compl. | Major in User Experience Design (14 units) | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **CSSE2002** Programming in the Large | 2 | | **CSSE2002** Programming in the Large | 1, 2 | 2 | |
| | **DECO2200** Graphic Design | 2 | | **DECO2200** Graphic Design | 1 | 2 | |
| | **DECO2300** Digital Prototyping | 2 | | **DECO2300** Digital Prototyping | 2 | 2 | |
| | **DECO2500** Human-Computer Interaction | 2 | | **DECO2500** Human-Computer Interaction | 1 | 2 | |
| | **DECO3500** Social & Mobile Computing | 2 | | **DECO3500** Social & Mobile Computing | 2 | 2 | |
| | **DECO3850** Physical Computing & Interaction Design Studio | 4 | | **DECO3850** Physical Computing & Interaction Design Studio | 1,2 | 2 | |

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| ✓/x compl. | Part F – Dual Majors | # | Last offered | If NOT completed – you can choose | Sem offering | # | First offered |
|---|---|---|---|---|---|---|---|
| | **Enterprise Information Systems (24 units)** | | | | | | |
| | **2 units for** | | | | | | |
| | **INFS2200** Relational Database Systems | 2 | | **INFS2200** Relational Database Systems | 2 | 2 | |
| | **and 4 units from** | | | | | | |
| | **CSSE2002** Programming in the Large | 2 | | **CSSE2002** Programming in the Large | 1, 2 | 2 | |
| | **COSC2500** Numerical Methods in Computational Science | 2 | | **COSC2500** Numerical Methods in Computational Science | 2 | 2 | |
| | **CSSE2010** Introduction to Computer Systems | 2 | | **CSSE2010** Introduction to Computer Systems | 1, 2 | 2 | |
| | **CSSE2310** Computer Systems Principles and Programming | 2 | | **CSSE2310** Computer Systems Principles and Programming | 1, 2 | 2 | |
| | **DECO2200** Graphic Design | 2 | | **DECO2200** Graphic Design | 1 | 2 | |
| | **DECO2300** Digital Prototyping | 2 | | **DECO2300** Digital Prototyping | 2 | 2 | |
| | **DECO2500** Human-Computer Interaction | 2 | | **DECO2500** Human-Computer Interaction | 1 | 2 | |
| | **SCIE2100** Introduction to Bioinformatics | 2 | | **SCIE2100** Introduction to Bioinformatics | 1 | 2 | |
| | **and 6 units from** | | | | | | |
| | **INFS3200** Advanced Database Systems | 2 | | **INFS3200** Advanced Database Systems | 1,2 | 2 | |
| | **INFS3202** Web Information Systems | 2 | | **INFS3202** Web Information Systems | 1 | 2 | |
| | **INFS3208** Cloud Computing | 2 | | **INFS3208** Cloud Computing | 2 | 2 | |
| | **BISM3222** Information Analysis & System Design | 2 | | **BISM3222** Information Analysis & System Design | 1 | 2 | |
| | **and 2 units from** | | | | | | |
| | **BISM3222** Information Analysis & System Design | 2 | | **BISM3222** Information Analysis & System Design | 1 | 2 | |
| | **COMP3301** Operating Systems Architecture | 2 | | **COMP3301** Operating Systems Architecture | 2 | 2 | |
| | **COMP3506** Algorithms & Data Structures | 2 | | **COMP3506** Algorithms & Data Structures | 2 | 2 | |
| | **COMP3702** Artificial Intelligence | 2 | | **COMP3702** Artificial Intelligence | 2 | 2 | |
| | **COMS3000 Information Security** (discontinued) | 2 | **2/20** | **CYBR3000** Information Security | 2 | 2 | **2/21** |
| | **COMS3200** Computer Networks 1 | 2 | | **COMS3200** Computer Networks 1 | 1 | 2 | |
| | **COSC3000** Visualization, Computer Graphics & Data Analysis | 2 | | **COSC3000** Visualization, Computer Graphics & Data Analysis | 1 | 2 | |
| | **COSC3500** High-Performance Computing | 2 | | **COSC3500** High-Performance Computing | 2 | 2 | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **CSSE3002 The Software Process** (discontinued) | 2 | **1/20** | **CSSE3012** The Software Process | 1 | 2 | **1/21** |
| **CSSE3100** Reasoning About Programs | 2 | | **CSSE3100** Reasoning About Programs | 1 | 2 | |
| **DECO3500** Social & Mobile Computing | 2 | | **DECO3500** Social & Mobile Computing | 2 | 2 | |
| **DECO3850** Physical Computing & Interaction Design Studio | 4 | | **DECO3850** Physical Computing & Interaction Design Studio | 1,2 | 2 | |
| **INFS3200** Advanced Database Systems | 2 | | **INFS3200** Advanced Database Systems | 1,2 | 2 | |
| **INFS3202** Web Information Systems | 2 | | **INFS3202** Web Information Systems | 1 | 2 | |
| **INFS3208** Cloud Computing | 2 | | **INFS3208** Cloud Computing | 2 | 2 | |
| **MATH3201** Scientific Computing: Advanced Techniques and Applications | 2 | | **MATH3201** Scientific Computing: Advanced Techniques and Applications | 1 | 2 | |
| **MATH3202** Operations Research & Mathematical Planning | 2 | | **MATH3202** Operations Research & Mathematical Planning | 1 | 2 | |
| **MATH3302** Coding & Cryptography | 2 | | **MATH3302** Coding & Cryptography | 1 | 2 | |
| and 10 units from | | | | | | |
| **ACCT1101** Accounting for Decision Making | 2 | | **ACCT1101** Accounting for Decision Making | 1 | 2 | |
| **ACCT2101** Financial Reporting | 2 | | **ACCT2101** Financial Reporting | 1, 2 | 2 | |
| **BISM1201** Transforming Business with Information Systems | 2 | | **BISM1201** Transforming Business with Information Systems | 1, 2 | 2 | |
| **BISM2202** Data Analytics and Information Management | 2 | | **BISM2202** Data Analytics and Information Management | 2 | 2 | |
| **BISM2206** Accounting Information and Software Applications | 2 | | **BISM2206** Accounting Information and Software Applications | 1 | 2 | |
| **BISM3208** Information Systems Strategy | 2 | | **BISM3208** Information Systems Strategy | 2 | 2 | |
| **LAWS1100** Business Law | 2 | | **LAWS1100** Business Law | 1,2 | 2 | |
| **MGTS1301** Introduction to Management | 2 | | **MGTS1301** Introduction to Management | 1,2 | 2 | |
| **TIMS3309** Fundamentals of Technology and Innovation Management | 2 | | **TIMS3309** Fundamentals of Technology and Innovation Management | 2 | 2 | |

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