CHECKLIST Bachelor of Information Technology: Transition to new 2021 program (2453)

Full name:_____Student Number:_____Date:_____

Points to note

- You need to ensure that you meet minimum program and major requirements (listed below)
- You cannot count the same course twice
- You need to ensure that you don't take courses that are incompatible with courses that you have already counted towards your program, and that any prerequisites havebeen met

Complete 48 units comprising:

1. 16 units for all BInfTech Core Courses, and
2. 16 to 32 units for BInfTech Plan Options:
   a. No major option, being
      i. 6 units for Information Technology Extension courses; and
      ii. 10 to 26 units from Information Technology Advanced Electives with at least 4 units at level 3; or
   b. BinfTech Single Major option, being
      i. 16 units for a Major; or
   c. BInfTech Single Minor option, being
      i. 6 units for Information Technology Extension courses; and
      ii. 8 units for a Minor; and
      iii. 2 to 18 units from Information Technology Advanced Electives; or
   d. BInfTech Major plus minor option, being
      i. 16 units for a Major; and
      ii. 8 units for a Minor; or
   e. BInfTech Two Major option, being
      i. 16 units for a Major; and
      ii. 16 units for another Major where courses that are compulsory in both majors must be substituted by program electives at the same level or higher; and
3. 0 to 16 units from BInfTech Breadth Elective Courses, and
4. 0 to 16 units from BInfTech Program Elective Courses, and
5. 0 to 16 units from General Elective Courses

NB: of the 48 units required for the program, students must complete at least 8 units of courses at level 3 or higher and no more than 24 units at level 1.

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

✓/X compl.	You must complete (NEW Program requirements)	Sem offering	#	First offered	Approved substitution	Last offered
	16 units for all: Core Courses					
	COMP2140 Web/Mobile Programming (NEW)	2	2	**2/22**	Course must be completed	
	CSSE1001 Introduction to Software Engineering	1,2	2		Course must be completed	
	DECO1100 Design Thinking	1	2		Course must be completed	
	DECO1400 Introduction to Web Design	1	2		Course must be completed	

√ - course already completed   **X** – course to be undertaken   **Checked by (Faculty: Name and Date):** _____

✓/X compl.		Sem offering	#	First offered	Approved substitution	Last offered
	DECO1800 Design Computing Studio 1 – Interactive	2	2		Course must be completed	
	DECO2800 Design Computing Studio 2 – Testing & Evaluation	2	2		Course must be completed	
	INFS1200 Introduction to Information Systems	1,2	2		Course must be completed	
	MATH1061 Discrete Mathematics	1,2	2		Course must be completed	

No major option

✓/X compl.	6 units for Information Technology Extension courses	Sem offering	#	First offered	Approved substitution	Last offered
	DECO2500 Human-Computer Interaction	1,2	2		Course must be completed	
	DECO3800 Design Computing Studio 3 – Proposal	1	2		Course must be completed	
	DECO3801 Design Computing Studio 3 – Build	2	2		Course must be completed	

✓/X compl.	10 to 26 units from: Information Technology Advanced Electives	Sem offering	#	First offered	Approved substitution	Last offered
	BISM3222 Information Analysis & System Design	1	2		No Substitution	
	COMP2048 Theory of Computing	1	2		No Substitution	
	COMP3506 Algorithms & Data Structures	2	2		No Substitution	
	COMP3702 Artificial Intelligence	2	2		No Substitution	
	COMP3820 Digital Health Software Project (NEW)	2	2	2/21	No Substitution	
	CSSE2010 Introduction to Computer Systems	1,2	2		No Substitution	
	CSSE2310 Computer Systems Principles and Programming	1,2	2		No Substitution	
	CSSE3012 The Software Process	1	2	1/21	CSSE3002 The Software Process (discontinued)	1/20
	DATA2001 Introduction to Data Science (NEW)	2	2	2/22	No Substitution	
	DECO2200 Graphic Design	1	2		No Substitution	
	DECO2300 Digital Prototyping	2	2		No Substitution	
	DECO3500 Social & Mobile Computing	2	2		No Substitution	

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BEInfTech Transition Plan – new   **Checked by (Faculty: Name and Date): _____**

✓/X compl.		Sem offering	#	First offered	Approved substitution	Last offered
	DECO3850 Physical Computing & Interaction Design Studio	1,2	4		No Substitution	
	INFS2200 Relational Database Systems	2	2		No Substitution	
	INFS3200 Advanced Database Systems	1,2	2		No Substitution	
	INFS3202 Web Information Systems	1	2		No Substitution	
	INFS3208 Cloud Computing	2	2		No Substitution	

Major options

✓/X compl.	Major in SOFTWARE DESIGN (16 units)	Sem offering	#	First offered	Approved substitution	Last offered
	16 units comprising – 12 units for:					
	COMP3506 Algorithms & Data Structures	2	2		Course must be completed	
	CSSE2002 Programming in the Large	1,2	2		Course must be completed	
	CSSE3012 The Software Process	1	2	**1/21**	**CSSE3002** The Software Process (discontinued)	**1/20**
	DECO2500 Human-Computer Interaction	1,2	2		Course must be completed	
	DECO3800 Design Computing Studio 3 – Proposal	1	2		Course must be completed	
	DECO3801 Design Computing Studio 3 – Build	2	2		Course must be completed	
	and 4 units from					
	COMP2048 Theory of Computing	1	2		No Substitution	
	COMP3400 Functional & Logic Programming	1	2		No Substitution	
	COMP3702 Artificial Intelligence	2	2		No Substitution	
	COMP3820 Digital Health Software Project (NEW)	2	2	**2/21**	No substitution	
	CSSE2010 Introduction to Computer Systems	1,2	2		No Substitution	
	CSSE2310 Computer Systems Principles and Programming	1,2	2		No Substitution	
	CSSE3100 Reasoning About Programs	1	2		No Substitution	

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✓/X compl.		Sem offering	#	First offered	Approved substitution	Last offered
	CYBR3000 Information Security	2	2	**2/21**	**COMS3000** Information Security (discontinued)	**2/20**
	DECO3500 Social & Mobile Computing	1,2	2		No Substitution	

✓/X compl.	Major in SOFTWARE INFORMATION SYSTEMS (16 units)	Sem offering	#	First offered	Approved substitution	Last offered
	16 units comprising 8 units for					
	DECO2500 Human-Computer Interaction	1,2	2		Course must be completed	
	DECO3800 Design Computing Studio 3 – Proposal	1	2		Course must be completed	
	DECO3801 Design Computing Studio 3 – Build	2	2		Course must be completed	
	INFS2200 Relational Database Systems	2	2		Course must be completed	
	and 8 units from					
	BISM3222 Information Analysis & System Design	1	2		No Substitution	
	DATA2001 Introduction to Data Science (NEW)	2	2	**2/22**	No Substitution	
	INFS3200 Advanced Database Systems	1,2	2		No Substitution	
	INFS3202 Web Information Systems	1	2		No Substitution	
	INFS3208 Cloud Computing	2	2		No Substitution	

	Major in USER EXPERIENCE DESIGN (16 units)					
	16 units comprising 16 units for					
	DECO2200 Graphic Design	1	2		Course must be completed	
	DECO2300 Digital Prototyping	2	2		Course must be completed	

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✓/X compl.		Sem offering	#	First offered	Approved substitution	Last offered
	DECO2500 Human-Computer Interaction	1,2	2		Course must be completed	
	DECO3500 Social & Mobile Computing	1,2	2		Course must be completed	
	DECO3800 Design Computing Studio 3 – Proposal	1	2		Course must be completed	
	DECO3801 Design Computing Studio 3 - Build	2	2		Course must be completed	
	DECO3850 Physical Computing & Interaction Design Studio	1,2	4		Course must be completed	

Minor option

✓/X compl.	Minor in Computer Systems (8 units)	Sem offering	#	First offered	Approved substitution	Last offered
	8 units comprising 4 units for					
	CSSE2010 Introduction to Computer Systems	1,2	2		Course must be completed	
	CSSE2310 Computer Systems Principles and Programming	1,2	2		Course must be completed	
	and 4 units from					
	COMP3301 Operating Systems Architecture	2	2		No Substitution	
	COMS3200 Computer Networks 1	1	2		No Substitution	
	CYBR3000 Information Security	2	2	**2/21**	**COMS3000** Information Security (discontinued)	**2/20**

✓/X compl.	0 to 16 units from BInfTech Breadth Electives	Sem offering	#	First offered	Approved substitution	Last offered
	ACCT1101 Accounting for Decision Making	1,2	2		No Substitution	
	BIOL1020 Genes, Cells & Evolution	1,2	2		No Substitution	
	BIOL2202 Genetics	2	2		No Substitution	

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BEInfTech Transition Plan – new   **Checked by (Faculty: Name and Date): _____**

BIOL3303 Genomics	1	2	**1/21**	**BIOL3004** Genomics & Bioinformatics (discontinued)	**1/20**
BINF3014 Advanced Bioinformatics	2	2	**2/21**	**BIOL3014** Advanced Bioinformatics (discontinued)	**2/20**
BISM2202 Data Analytics and Information Management	2	2		No Substitution	
BISM3205 Business Information Security	1	2		No Substitution	
BISM3208 Information Systems Strategy	2	2		No Substitution	
CHEM1100 Chemistry 1	1,2	2		No Substitution	
COMP3301 Operating Systems Architecture	2	2		No Substitution	
COMS3200 Computer Networks 1	1	2		No Substitution	
COMU1130 Connectivity and Culture	2	2		No Substitution	
COMU1140 Multimedia	1,2,S	2		No Substitution	
COSC2500 Numerical Methods in Computational Science	2	2		No Substitution	
COSC3000 Visualization, Computer Graphics & Data Analysis	1	2		No Substitution	
COSC3500 High-Performance Computing	2	2		No Substitution	
CSSE3100 Reasoning About Programs	1	2		No Substitution	
CYBR3000 Information Security	2	2	**2/21**	**COMS3000** Information Security (discontinued)	**2/20**
ECON1010 Introductory Microeconomics	1,2,S	2		No Substitution	
ENGG1300 Introduction to Electrical Systems	1,2	2		No Substitution	
ENGG1600 Introduction to Research Practices – The Big Issues	2			No Substitution	
LAWS1100 Business Law	1,2	2		No Substitution	
MGTS1301 Introduction to Management	1,2	2		No Substitution	
MKTG1501 Foundations of Marketing	1,2	2		No Substitution	
MATH1050 Mathematical Foundations	1,2	2		No Substitution	
MATH1051 Calculus & Linear Algebra I	1,2,S	2		No Substitution	
MATH1052 Multivariate Calculus & Ordinary Differential Equations	1,2	2		No Substitution	

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	Course	Semester	Units		Substitution	
	MATH2001 Calculus & Linear Algebra II	1,2	2		**MATH2000** Calculus & Linear Algebra II (discontinued)	**2/20**
	MATH2301 Linear & Abstract Algebra & Number Theory	1	2		No Substitution	
	MATH2302 Discrete Mathematics II	2	2		No Substitution	
	MATH3104 Mathematical Biology	1	2		No Substitution	
	MATH3201 Scientific Computing: Advanced Techniques and Applications	1	2		No Substitution	
	MATH3202 Operations Research & Mathematical Planning	1	2		No Substitution	
	MATH3302 Coding & Cryptography	1	2		No Substitution	
	PHYS1002 Electromagnetism & Modern Physics (semester 2 only from 2022)	1,2	2		No Substitution	
	SCIE1000 Theory & Practice in Science	1,2,S	2		No Substitution	
	SCIE2100 Introduction to Bioinformatics	1	2		No Substitution	
	STAT2003 Mathematical Probability	1	2		No Substitution	
	STAT2004 Statistical Modelling & Analysis	2	2		No Substitution	
	TIMS3309 Fundamentals of Technology and Innovation Management	2	2		No Substitution	
	Courses offered on an occasional basis					
	COMP3880 International Software Development	2(TP5)	2		No Substitution	
	CSSE3006 Special Projects in Computer Systems & Software Engineering (Discontinued)	1,2	4		No Substitution	

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