

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

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 have been met

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

1. BlnfTech 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. BlnfTech 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. BlnfTech 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. BlnfTech 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	✓/X compl.
	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	2		DECO2800 Design Computing Studio 2 – Testing & Evaluation	2	2		
	INFS1200 Introduction to Information Systems	2		INFS1200 Introduction to Information Systems	1,2	2		

✓ - course already completed X – course to be undertaken

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	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	✓/X compl.
	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	2		
	SCIE2100 Introduction to Bioinformatics	2		SCIE2100 Introduction to Bioinformatics	1	2		
				COMP2140 Web/Mobile Programming	2	2	2/22	
	Part C – Advanced Electives							
	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		

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	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 <i>The Software Process</i> (discontinued)	2	1/20	CSSE3012 <i>The Software Process</i>	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		
	Part D – Other Electives							
	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 <i>Genomics & Bioinformatics</i> (discontinued)	2	1/20	BIOL3303 <i>Genomics</i>	1	2	1/21	
	BIOL3014 <i>Advanced Bioinformatics</i> (discontinued)	2	2/20	BINF3014 <i>Advanced Bioinformatics</i>	2	2	2/21	
	BISM3205 Business Information Security	2		BISM3205 Business Information Security	1	2		
	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		

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	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		
	MATH2000 Calculus & Linear Algebra II (discontinued)	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)	1,2	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 Engineering (discontinued)	2		CSSE3006 Special Projects in Computer Systems and Software Engineering (Discontinued)		2		
	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		

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	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	

✓/X compl.	Part E - Majors	#	Last offered	If NOT completed – you can choose	Sem offering	#	First offered	✓/X compl.
	Major in Computer Systems & Networks (14 units)							
	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	✓/X compl.
	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		
	DECO2500 Human-Computer Interaction	2		DECO2500 Human-Computer Interaction	1,2	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		

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✓/X compl.	Major in Software Information Systems (14 units)	#	Last offered	If NOT completed – you can choose	Sem offering	#	First offered	✓/X compl.
	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	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		
	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		

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	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	✓/X compl.
	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	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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	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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