Transition Checklist – Bachelor of Information Technology

Student Name: _____

Student Number: _____

Date Completed: _____

Current students changing to the new 2026 program (2570)

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 or formally change to.
- Students are responsible for checking future course offerings, prerequisites, incompatibilities and restrictions for all courses as they 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.
- Once you have completed the BCompSc Transition Plan to new program checklist (commencing 2026), you may email your checklist to the Faculty on enquiries@eait.uq.edu.au

Complete 48 units comprising:

- **22** units for all **BInfTech Core Courses**, and
- Either:
  - **16** units for **one Major** from **BInfTech Major Option,** or
  - **10** to **26** units for **BInfTech No Major Option**, and
- **0** to **16** unit from **BInfTech Breadth Elective Courses**, and
- **0** to **16** units from **BInfTech Program Elective Courses**, and
- **0** to **16** unit 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.

✓/X	BInfTech Core Courses	Sem offering	Unit value	First offered	Approved substitution	Last offered
	Complete 22 units for all Core Courses					
	COMP2140 Web/Mobile Programming	2	2		Course must be completed	
	COMP2200 Ethical Practice in Computing	2	2	**Sem 2, 2026**	Course must be completed	
	CSSE1001 Introduction to Software Engineering	1,2	2		Course must be completed	
	DECO1400 Introduction to Web Design	1	2		Course must be completed	
	DECO1800 Design Computing Studio I - Interactive Technology	2	2		Course must be completed	
	DECO2500 Human-Computer Interaction	1,2	2		Course must be completed	
	DECO2840 Cyber Studio	1	2	**Sem 1, 2027**	Course must be completed	
	DECO2850 Design Computing Studio 2 - Interaction Design	1,2	2		DECO2800 Design Computing Studio 2 – Testing & Evaluation (discontinued)	Sem 2, 2022
	DECO3801 Design Computing Studio 3 - Build	1,2	2		Course must be completed	

		Semester offering	Unit value	First offered	Approved substitution	Last offered
	INFS1200 Introduction to Information Systems	1,2	2		Course must be completed	
	MATH1061 Discrete Mathematics **OR** **MATH1081** Advanced Discrete Mathematics	1,2 1	2		Course must be completed	

✓ / X	**BInfTech No Major**	Semester offering	Unit value	First offered	Approved substitution	Last offered
Complete 10 to 26 units comprising						
• **0 to 4 units of Foundation Courses**						
	COMP1200 Introduction to Computational Thinking	1,2	2	**2027**	No substitution	
	MATH1040 Mathematical Foundations I	1,2	2		No substitution	
• **2 units for all Extension Courses**						
	DECO3800 Design Computing Studio 3 - Proposal	1,2	2		No substitution	
• **6 to 24 units from Discipline Elective Courses**						
	BISM3222 Information Systems and Analysis	1	2		No substitution	
	COMP1100 Introduction to Software Innovation	1,2	2		No substitution	
	COMP2011 Fundamentals of Data Science	2	2		DATA2001 Fundamentals of Data Science (discontinued)	Sem 2, 2024
	COMP2701 Generative Artificial Intelligence	1	2	**Sem 1, 2026**	No substitution	
	COMP3506 Algorithms and Data Structures	2	2		No substitution	
	COMP3702 Artificial Intelligence	2	2		No substitution	
	COMP3820 Digital Health Software Project	2	2		No substitution	
	CSSE2002 Programming in the Large	1,2	2		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		CSSE3002 The Software Process (discontinued)	Sem 2, 2020
	CYBR3000 Information Security	2	2		COMS3000 Information Security (discontinued)	Sem 2, 2020
	DECO1100 Design Thinking	1	2		No substitution	
	DECO2200 Information Visualisation	1	2		No substitution	
	DECO2300 Digital Prototyping and Extended Reality	2	2		No substitution	
	DECO2801 Human-Centred AI	2	2	**Sem 2, 2025**	No substitution	
	DECO3500 Social and Mobile Computing	2	2		No substitution	
	DECO3850 Physical Computing Studio	1	**4**		No substitution	

✓ / X		Semester offering	Unit value	First offered	Approved substitution	Last offered
	INFS2200 Relational Database Systems	2	2		No substitution	
	INFS3200 Advanced Database Systems	1	2		No substitution	
	INFS3202 Web Information Systems	1	2		No substitution	
	INFS3208 Cloud Computing	2	2		No substitution	
	INFS4203 Data Mining	2	2		No substitution	

✓ / X	**Solution Architecture Major**	Semester offering	Unit value	First offered	Approved substitution	Last offered
Complete 16 units comprising:						
• **12 units for all Solution Architecture Compulsory Courses**						
	COMP1100 Introduction to Software Innovation	1,2	2		Course must be completed	
	COMP2701 Generative Artificial Intelligence	1	2	**Sem 1, 2026**	Course must be completed	
	CSSE2002 Programming in the Large	1,2	2		Course must be completed	
	DECO3800 Design Computing Studio 3 - Proposal	1,2	2		Course must be completed	
	INFS3202 Web Information Systems	1	2		Course must be completed	
	INFS3208 Cloud Computing	2			Course must be completed	
• **4 units from Solution Architecture Elective Courses**						
	BISM3222 Information Systems and Analysis	2	2		No substitution	
	COMP3506 Algorithms and Data Structures	2	2		No substitution	
	CSSE2010 Introduction to Computer Systems	1,2	2		No substitution	
	CSSE2310 Computer Systems Principles and Programming	1,2	2		No substitution	
	CYBR3000 Information Security	1	2		COMS3000 Information Security (discontinued)	Sem 2, 2020
	DECO2801 Human-Centred AI	2	2	**Sem 2, 2025**	No substitution	

✓ / X	**Software Information Systems Major**	Semester offering	Unit value	First offered	Approved substitution	Last offered
Complete 16 units comprising						
• **12 units for all Software Information Systems Compulsory Courses**						
	COMP1100 Introduction to Software Innovation	1,2	2		Course must be completed	
	COMP2011 Fundamentals of Data Science	2	2		DATA2001 Fundamentals of Data Science (discontinued)	Sem 2, 2024

✓ / X		Semester offering	Unit value	First offered	Approved substitution	Last offered
	DECO3800 Design Computing Studio 3 - Proposal	1,2	2		Course must be completed	
	INFS2200 Relational Database Systems	2	2		Course must be completed	
	INFS3200 Advanced Database Systems	1	2		Course must be completed	
	INFS4203 Data Mining	2	2		Course must be completed	
• **4 units from Software Information Systems Elective Courses**						
	COMP3820 Digital Health Software Project	2	2		No substitution	
	DECO2200 Information Visualisation	1	2		No substitution	
	INFS3202 Web Information Systems	1	2		No substitution	
	INFS3208 Cloud Computing	2	2		No substitution	
	BISM3222 Information Systems and Analysis	1	2		No substitution	

✓ / X	**User Experience Design Major**	Semester offering	Unit value	First offered	Approved substitution	Last offered
Complete 16 units comprising						
• **12 units for all User Experience Design Compulsory Courses**						
	DECO1100 Design Thinking	1	2		Course must be completed	
	DECO2300 Digital Prototyping and Extended Reality	2	2		Course must be completed	
	DECO2801 Human-Centred AI	2	2		Course must be completed	
	DECO3500 Social and Mobile Computing	2	2		Course must be completed	
	DECO3850 Physical Computing Studio	1	**4**		Course must be completed	
• **4 units from User Experience Design Elective Courses**						
	COMP3820 Digital Health Software Project	2	2		No substitution	
	DECO2200 Information Visualisation	1	2		No substitution	
	INFS3202 Web Information Systems	1	2		No substitution	
	BISM3222 Information Systems and Analysis	1	2		No substitution	

✓ / X	Breadth Electives	Semester offering	Unit value	First offered	Approved substitution	Last offered
•	**0 to 16 units from BInfTech Breadth Elective Courses**					
	COMP3301 Operating Systems Architecture	2	2	**2027**	No substitution	
	COMP3880 International Software Development 1	See note*	2		No substitution	
	COMP3881 International Software Development 2		2		No substitution	
	COMS3200 Computer Networks I	1	2		No substitution	
	CSSE3100 Reasoning About Programs	1	2		No substitution	
	ENGG1300 Introduction to Electrical Systems	1,2	2		No substitution	
	SCIE1000 Theory & Practice in Science	1,2	4		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	
	MATH1050 Mathematical Foundations II	1,2	2		No substitution	
	MATH1051 Calculus and Linear Algebra I **OR** **MATH1071** Advanced Calculus & Linear Algebra I	1,2,S1	2		No substitution	
	MATH1052 Multivariate Calculus & Ordinary Differential Equations **OR** **MATH1072** Advanced Multivariate Calculus & Ordinary Differential Equations	1,2,S2	2		No substitution	
	MATH2001 Calculus & Linear Algebra II **OR** **MATH2901** Advanced Calculus & Linear Algebra II	1,2,S1	2		MATH2000 Calculus & Linear Algebra II (Discontinued)	Sem 2, 2020
	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 & Applications	1	2		No substitution	
	MATH3202 Operations Research & Mathematical Planning	1	2		No substitution	
	MATH3302 Coding & Cryptography	1	2		No substitution	
	STAT1201 Analysis of Scientific Data **OR** **STAT1301** Advanced Analysis of Scientific Data	1,2,S2	2		Students who have completed STAT2203 towards BCompSc core courses (i.e. in place of STAT1201 or STAT1301) are exempt from completing STAT2003 towards this major and must complete a BCompSc Introductory Elective or BCompSc Advanced Elective instead. Students who have completed STAT1201 or STAT1301 towards the core courses must complete STAT2003.	
	STAT2003 Mathematical Probability	1	2		No substitution	
	STAT2004 Statistical Modelling & Analysis	2	2		No substitution	
	ACCT1101 Accounting for Decision Making	1,2	2		No substitution	

BIOL1020 Genes, Cells and Evolution	1,2	2		No substitution	
BIOL2202 Genetics	2	2		No substitution	
BIOL3303 Genomics	1	2		No substitution	
BISM2202 Data Analytics and Information Management	1,2	2		No substitution	
BISM3205 Business Information Security	2	2		No substitution	
BISM3208 Business Information Systems & Analytics Capstone	1,2	2		No substitution	
CHEM1100 Chemistry 1	1,2	2		No substitution	
COMU1130 Data and Society	2	2		No substitution	
COMU1140 Multimedia	1,2	2		No substitution	
ECON1010 Introductory Microeconomics	1,2,S	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	
PHYS1002 Electromagnetism and Modern Physics	2	2		No substitution	
SCIE2100 Bioinformatics 1: Introduction	1	2		No substitution	
SCIE3100 Bioinformatics 2: Development & Research	2	2		No substitution	
TIMS3309 Technology and Innovation Management	2	2		No substitution	

* This course is offered on an occasional basis and the semester of offer on program and courses is indicative only. Dates of travel are likely to fall outside of standard teaching weeks. The course availability and details of the program will be advertised to students early in the semester prior to each planned trip. Students will be required to submit an application for approval to enrol in this course. For more information please email; studentenquiries@eecs.uq.edu.au.

Program Electives

- 0 to 16 from BInfTech Program Elective Courses (any courses on the BInfTech course list)

General Electives

- 0 to 16 from General Elective Courses (courses from any undergraduate program at the university, considering prerequisites, incompatibles and restrictions).

Note: Courses selected from the BInfTech Foundation Courses, Information Technology Discipline Elective Courses, BInfTech Breadth Elective Courses, BInfTech Program Elective Courses and General Electives must include no more than 14 units at level 1.