Bachelor of Engineering (Honours)

Transition Checklist: Software Specialisation

Note: This checklist only includes the 34 units required to complete the **Software Specialisation**. Please refer to your program and course requirements for the remaining units in the BE(Hons) program.

Complete 36 units comprising:		
• **34 units** for all Software Engineering Compulsory Courses	**Pre-2026**	**2026**
COMP2701 Generative Artificial Intelligence (*Can be substituted for COMP3400 if already completed, or students may take both if they wish)	■	*
COMP3400 Functional & Logic Programming		■
COMP3506 Algorithms & Data Structures		
CSSE2002 Programming in the Large		
CSSE2010 Introduction to Computer Systems		
CSSE2310 Computer Systems Principles and Programming		
CSSE3012 The Software Process (last offering S1/26, then must be replaced with CSSE3030)		■
CSSE3030 Software Testing and Automation	■	
CSSE3200 Software Engineering Studio: Design, Implement & Test		
CSSE4801 Software Engineering Studio: Build (**First offering = Semester 2, 2027. May be replaced with DECO3801 **only if** completed prior to Semester 2, 2027)	■	**
CSSE6400 Software Architecture		
DECO2500 Human-Computer Interaction		
DECO3801 Design Computing Studio 3 – Build (Incompatible: CSSE4801)		■
ENGG1300 Introduction to Electrical Systems		
INFS1200 Introduction to Information Systems		
MATH1061 Discrete Mathematics		
MATH1081 Advanced Discrete Mathematics		
STAT2203 Probability Models & Data Analysis		
REIT4841 Research & Development Methods and Practice (4 units)		
REIT4842 Research & Development Methods and Practice (4 units)		
ENGG4901 Professional Practice and the Business Environment A		
ENGG4902 Professional Practice and the Business Environment B		
• 2 units from BE(Hons) Program Elective Courses		