

Bachelor of Engineering (Honours)

Software Specialisation

Note: This checklist only compares 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		
COMP3400 Functional & Logic Programming (pre-2026 students may take COMP2701 instead or take both)		
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 replace with CSSE3030)		
CSSE3030 Software Testing and Automation		
CSSE3200 Software Engineering Studio: Design, Implement & Test		
CSSE4801 Software Engineering Studio: Build (Incompatible: DECO3801)		
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		