With this dual degree program, students take the 168 units of credit core of the Bachelor of Engineering (Honours) 3707 and the 96 units of credit core of the Bachelor of Science (Computer Science) program 3778. Due to the overlap of 24 units of credit of Science courses in both core, the total units of credit required for completion is 240 UOC, rather than 264 UOC (see the UNSW Handboook for more details).

Some courses are double counted. Additionally the course overlaps require students to replace the usual course in one core or major with a more advanced course required in the other program.
Specifically:

1. Students MUST take COMP1511 as their first year Engineering computing course, COMP1511 is then double counted towards both degrees

Course	UoC	Complete?	Notes
Core Courses - 24 UoC			
COMP1511	6		
MATH1131 or MATH1141	6		
MATH1231 or MATH1241	6		
MATH2018 or MATH2019	6		
UoC Sub Total	24		
Disciplinary Component - 144 UoC			
Level 1 Core Courses			
DESN1000	6		
ELEC1111	6		
PHYS1121 or PHYS1131	6		
PHYS1221 or PHYS1231	6		
SOLA1070	6		
Level 2 Core Courses			
DESN2000	6		
MATH2089	6		
MMAN2700	6		
SOLA2051	6		
SOLA2540	6		
Level 3 Core Courses			
ELEC2911	6		
SOLA5050	6		
SOLA5053	6		
SOLA5057	6		
Level 4 Core Courses			
ELEC4122	6		
SOLA4012	6		
SOLA4951	4		
SOLA4952	4		
SOLA4953	4		
Electives			
Discipline Elective	6		
Discipline Elective	6		
Discipline Elective	6		
Strand Elective	6		
Strand Elective	66		