	Year 1			Year 2			Year 3
Term 1	**COMP1511** Programming Fundamentals **MATH1141** (Higher) Mathematics 1A **Free Elective**		Term 1	**COMP2511** Object-Oriented Design & Programming **Free Elective** **Computing Elective**		Term 1	**COMP3821** Extended Algorithm Design and Analysis **Free Elective** **Free Elective**
Term 2	**MATH1241** (Higher) Mathematics 1B **COMP1521** Computer Systems Fundamentals **COMP1531** Software Engineering Fundamentals		Term 2	**General Education Course** **Computing Elective**		Term 2	**Free Elective** **General Education Course**
Term 3	**COMP2521** Data Structures and Algorithms **MATH1081** Discrete Mathematics		Term 3	**Computing Elective** **Computing Elective** **Free Elective**		Term 3	**COMP3900** Computer Science Project **COMP4920** Professional Issues and Ethics in Information Technology **Computing Elective**

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

All Level 1 and Level 2 courses are offered in each standard term and free electives can be taken in any term. If Level 1 or Level 2 core courses are full, students may take free electives first and take core courses in later terms.

COMP1511 is expected to be completed by the end of Term 2 Year 1. Students don't need to take COMP1521, COMP1531 and COMP2521 in sequence.

Most Computing Electives require completion of COMP2521, students are recommended to complete COMP2521 in the first year of study if possible.

*Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

Engineering
Advanced Computer Science (Honours) (3779)
Computer Science (COMPCH)

Year 1		
Term 2	**COMP1511** Programming Fundamentals	
	Free Elective	
Term 3	**MATH1141** (Higher) Mathematics 1A	
	COMP1521 Computer Systems Fundamentals	
	COMP1531 Software Engineering Fundamentals	
Term 1	**COMP2521** Data Structures and Algorithms	
	MATH1081 Discrete Mathematics	
	MATH1241 (Higher) Mathematics 1B	

Year 2		
Term 2	**COMP2511** Object-Oriented Design & Programming	
	Free Elective	
	Computing Elective	
Term 3	**General Education Course**	
	Computing Elective	
Term 1	**Computing Elective**	
	Computing Elective	
	Free Elective	

Year 3		
Term 2	**Free Elective**	
	Free Elective	
	General Education Course	
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology	
	Computing Elective	
	Free Elective	
Term 1	**COMP3900** Computer Science Project	
	COMP3821 Extended Algorithm Design and Analysis	

Year 2	
Term 3	**COMP2511** Object-Oriented Design & Programming
	Free Elective
	General Education Course
Term 1	**Computing Elective**
	Computing Elective
	Free Elective
Term 2	**Computing Elective**
	Free Elective

Year 4	
Term **ŒEuO p**	