

Engineering

Bachelor of Engineering (Honours) (3707)

Software Engineering (SENGAH)

T1 Entry 2024 Sample Plan



UNSW
SYDNEY

Year 1		Year 2		Year 3		Year 4	
Term 1	DESN1000 Engineering Design and Innovation	Term 1	SENG2021 Requirements and Design Workshop	Term 1	COMP3311 Database Systems	Term 1	COMP4951 Research Thesis A (4 UoC)
	MATH1081 Discrete Mathematics		COMP2521 Data Structures and Algorithms		SENG3011 Software Engineering Workshop 3		Discipline Elective Course
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		Free Elective Course		Discipline Elective Course		SENG4920 Ethics & Management
Term 2	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B	Term 2	COMP2041 Software Construction: Techniques and Tools	Term 2	COMP3141 Software System Design & Implementation	Term 2	COMP4952 Research Thesis B (4 UoC)
	COMP1511 Programming Fundamentals		MATH2400 Finite Mathematics (3 UoC) & MATH2859 Probability, Statistics & Info (3 UoC)		COMP3331 Computer Networks & Applications		Level 4+ Discipline Elective Course
	General Education Course		DESN2000 Engineering Design and Professional Practice		Free Elective Course		Free Elective Course
Term 3	COMP1521 Computer System Fundamentals	Term 3	COMP2511 Object-Oriented Design & Programming	Term 3	Discipline Elective Course	Term 3	COMP4953 Research Thesis C (4 UoC)
	COMP1531 Software Engineering Fundamentals		SENG2011 Workshop on Reasoning about Programs		General Education Course		Level 4+ Discipline Elective Course
							Discipline Elective Course

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999
This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

Engineering

Bachelor of Engineering (Honours) (3707)

Software Engineering (SENGAH)

T2 Entry 2024 Sample Plan



UNSW
SYDNEY

Year 1		Year 2		Year 3		Year 4	
Term 2	COMP1511 Programming Fundamentals	Term 2	COMP2041 Software Construction: Techniques and Tools	Term 2	COMP3141 Software System Design & Implementation	Term 2	COMP4951 Research Thesis A (4 UoC)
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		MATH2400 Finite Mathematics (3 UoC) <u>&</u> MATH2859 Probability, Statistics & Info (3 UoC)		COMP3311 Database Systems		Discipline Elective Course
			DESN2000 Engineering Design and Professional Practice		Free Elective Course		L4+ Discipline Elective Course
Term 3	COMP1521 Computer Systems Fundamentals	Term 3	SENG2011 Workshop on Reasoning about Programs	Term 3	COMP3331 Computer Networks & Applications	Term 3	SENG4920 Ethics & Management
	MATH1081 Discrete Mathematics		COMP2511 Object-Oriented Design & Programming		Discipline Elective Course		COMP4952 Research Thesis B (4 UoC)
	COMP1531 Software Engineering Fundamentals		Free Elective Course		General Education Course		Discipline Elective Course
Term 1	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B	Term 1	SENG2021 Requirements and Design Workshop	Term 1	SENG3011 Software Engineering Workshop 3	Term 1	COMP4953 Research Thesis C (4 UoC)
	COMP2521 Data Structures and Algorithms		General Education Course		Discipline Elective Course		Free Elective Course
	DESN1000 Engineering Design and Innovation						L4+ Discipline Elective Course

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999
This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

Engineering

Bachelor of Engineering (Honours) (3707)

Software Engineering (SENGAH)

T3 Entry 2024 Sample Plan



UNSW
SYDNEY

Year 1		Year 2		Year 3		Year 4	
Term 3	COMP1511 Programming Fundamentals	Term 3	COMP2511 Object-Oriented Design & Programming	Term 3	Discipline Elective Course	Term 3	COMP4951 Research Thesis A (4 UoC)
	DESN1000 Engineering Design and Innovation		SENG2011 Workshop on Reasoning about Programs		COMP3331 Computer Networks & Applications		SENG4920 Ethics & Management
			Free Elective Course		Free Elective Course		Free Elective Course
Term 1	COMP1521 Computer Systems Fundamentals	Term 1	SENG2021 Requirements and Design Workshop	Term 1	SENG3011 Software Engineering Workshop 3	Term 1	COMP4952 Research Thesis B (4 UoC)
	MATH1131 Mathematics 1A OR MATH1141 Higher Mathematics 1A		General Education Course		COMP3311 Database Systems		Discipline Elective Course
	COMP2521 Data Structures and Algorithms				General Education Course		L4+ Discipline Elective Course
Term 2	COMP1531 Software Engineering Fundamentals	Term 2	COMP2041 Software Construction: Techniques and Tools	Term 2	COMP3141 Software System Design & Implementation	Term 2	COMP4953 Research Thesis C (4 UoC)
	MATH1231 Mathematics 1B OR MATH1241 Higher Mathematics 1B		MATH2400 Finite Mathematics (3 UoC) & MATH2859 Probability, Statistics & Info (3 UoC)		Discipline Elective Course		Discipline Elective Course
	MATH1081 Discrete Mathematics		DESN2000 Engineering Design and Professional Practice				L4+ Discipline Elective Course

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999
This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.