

# Bachelor of Engineering (Honours) / Commerce (3764)

## SOFTWARE ENGINEERING (SENGAH) / FINANCIAL TECHNOLOGY (FINSR1)

### T1 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
Term 1	<b>DESN1000</b> Engineering Design and Innovation	Term 1	<b>SENG2021</b> Requirements and Design Workshop	Term 1	<b>COMP3311</b> Database Systems	Term 1	<b>SENG4920</b> Ethics & Management	Term 1	<b>COMP4951</b> Research Thesis A (4 UoC)	Term 1	<b>Discipline Elective</b>
	<b>MATH1081</b> Discrete Mathematics		<b>COMP2521</b> Data Structures and Algorithms		<b>SENG3011</b> Software Engineering Workshop 3		<b>COMM1180</b> Value Creation		<b>FINS2615</b> Intermediate Business Finance <b>OR</b> <b>FINS2624</b> Portfolio Mgmt <b>OR</b> <b>FINS3623</b> Venture Capital <b>OR</b> <b>FINS3630</b> Bank Financial Management		<b>Discipline Elective</b>
	<b>MATH1131</b> Mathematics 1A <b>OR</b> <b>MATH1141</b> Higher Mathematics 1A				<b>COMM1120</b> Collab. and Innov. in Business		<b>COMM1190</b> Data, Insights and Decisions		<b>FINS3647</b> Bitcoin Decentralised Finance		<b>COMM3999</b> (0 UoC) myBCom Graduation Portfolio
Term 2	<b>MATH1231</b> Mathematics 1B <b>OR</b> <b>MATH1241</b> Higher Mathematics 1B	Term 2	<b>COMP2041</b> Software Construction: Techniques and Tools	Term 2	<b>COMP3141</b> Software System Design & Implementation	Term 2	<b>FINS2618</b> Capital Markets & Institution	Term 2	<b>COMP4952</b> Research Thesis B (4 UoC)	Term 2	<b>Financial Technology Level 3 Elective</b>
	<b>COMP1511</b> Programming Fundamentals		<b>MATH2400</b> Finite Mathematics (3 UoC) & <b>MATH2859</b> Probability, Statistics & Info (3 UoC)		<b>COMP3331</b> Computer Networks & Applications		<b>Level 4+ Discipline Elective Course</b>		<b>FINS3645</b> Fin Mkt Data Design & Analysis		<b>Prescribed WIL Course*</b>
	<b>Free Elective</b>		<b>COMM1140</b> Financial Management		<b>Discipline Elective</b>		<b>Business Elective</b>				
Term 3	<b>COMP1521</b> Computer Systems Fundamentals	Term 3	<b>DESN2000</b> Engineering Design and Professional Practice	Term 3	<b>COMM1150</b> Global Business Environments	Term 3	<b>Level 4+ Discipline Elective Course</b>	Term 3	<b>COMP4953</b> Research Thesis C (4 UoC)	Term 3	
	<b>COMP1531</b> Software Engineering Fundamentals		<b>COMP2511</b> Object-Oriented Design & Programming		<b>COMM1170</b> Organisational Resources		<b>COMM1999</b> (0 UoC) myBCom First Year Portfolio		<b>FINS3648</b> Banking, Finance & Technology		
	<b>COMM1100</b> Business Decision Making		<b>SENG2011</b> Workshop on Reasoning about Programs				<b>Level 4+ Discipline Elective Course</b>		<b>FINS3646</b> Toolkit for Finance		
	<b>COMM0999</b> (0 UOC) MyBCOM Blueprint						<b>Discipline Elective</b>				

#### NOTES

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

\*Please see the Handbook for information regarding available Prescribed WIL Courses and the requirements of this component. Engineering Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

# Bachelor of Engineering (Honours) / Commerce (3764)

## SOFTWARE ENGINEERING (SENGAH) / FINANCIAL TECHNOLOGY (FINSR1)

### T3 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
Term 3	<b>COMP1511</b> Programming Fundamentals	Term 3	<b>COMP2511</b> Object-Oriented Design & Programming	Term 3	<b>COMP3331</b> Computer Networks & Applications	Term 3	<b>SENG4920</b> Ethics & Management	Term 3	<b>COMP4951</b> Research Thesis A (4 UoC)	Term 3	<b>Discipline Elective</b>
	<b>DESN1000</b> Engineering Design and Innovation		<b>SENG2011</b> Workshop on Reasoning about Programs		<b>COMM1140</b> Financial Management		<b>COMM1190</b> Data, Insights and Decisions		<b>FINS3646</b> Toolkit for Finance		<b>Discipline Elective</b>
	<b>COMM0999</b> (0 UoC) MyBCOM Blueprint		<b>COMM1100</b> Business Decision Making		<b>COMM1150</b> Global Business Environments		<b>FINS2618</b> Capital Markets & Institution		<b>Business Elective</b>		<b>COMM3999</b> (0 UoC) myBCom Graduation Portfolio
Term 1	<b>COMP1521</b> Computer Systems Fundamentals	Term 1	<b>SENG2021</b> Requirements and Design Workshop	Term 1	<b>COMP3311</b> Database Systems	Term 1	<b>Discipline Elective</b>	Term 1	<b>COMP4952</b> Research Thesis B (4 UoC)	Term 1	<b>Finance Level 3 Elective</b>
	<b>MATH1131</b> Mathematics 1A <b>OR</b> <b>MATH1141</b> Higher Mathematics 1A		<b>COMM1120</b> Collab. and Innov. in Business		<b>SENG3011</b> Software Engineering Workshop 3		<b>L4+ Discipline Elective</b>		<b>FINS3647</b> Bitcoin Decentralised Finance		<b>Prescribed WIL Course*</b>
	<b>COMP2521</b> Data Structures and Algorithms						<b>COMM1999</b> (0 UoC) myBCom First Year Portfolio				
Term 2	<b>COMP1531</b> Software Engineering Fundamentals	Term 2	<b>COMP2041</b> Software Construction: Techniques and Tools	Term 2	<b>COMP3141</b> Software System Design & Implementation	Term 2	<b>FINS2615</b> Intermediate Business Finance <b>OR</b> <b>FINS2624</b> Portfolio Mgmt <b>OR</b> <b>FINS3623</b> Venture Capital <b>OR</b> <b>FINS3630</b> Bank Financial Mgmt	Term 2	<b>COMP4953</b> Research Thesis C (4 UoC)	Term 2	
	<b>MATH1231</b> Mathematics 1B <b>OR</b> <b>MATH1241</b> Higher Mathematics 1B		<b>MATH2400</b> Finite Mathematics (3 UoC) <b>&amp;</b> <b>MATH2859</b> Probability, Statistics & Info (3 UoC)		<b>COMM1170</b> Organisational Resources		<b>Discipline Elective Course</b>		<b>FINS3645</b> Fin Mkt Data Design & Analysis		
	<b>MATH1081</b> Discrete Mathematics		<b>DESN2000</b> Engineering Design and Professional Practice		<b>COMM1180</b> Value Creation		<b>L4+ Discipline Elective Course</b>		<b>Free Elective</b>		

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