



Year 1		Year 2		Year 3		Year 4	
Term 1	PHYS1121 Physics 1A OR PHYS1131 Higher Physics 1A	Term 1	CEIC2000 Materials and Energy Systems	Term 1	CEIC3000 Process Modelling and Analysis	Term 1	CEIC4001 Process Design Project (12 UoC)
	CHEM1811 Engineering Chemistry 1A		CEIC2001 Fluid and Particle Mechanics		CEIC3004 Process Equipment and Design		CEIC4952 Research Thesis B (4 UoC)
	MATH1131 Mathematics 1A OR MATH1141 Higher Mathematics 1A		MATH2089 Numerical Methods and Statistics		CEIC3005 Process Plant Design		
Term 2	ENGG1811 Computing for Engineers	Term 2	CEIC2002 Heat and Mass Transfer	Term 2	CEIC3006 Process Dynamics and Control	Term 2	CEIC4953 Research Thesis C (4 UoC)
	CHEM1821 Engineering Chemistry 1B		CEIC2005 Chemical Reaction Engineering		CEIC3007 Chemical Engineering Lab B		Depth Elective Course
	MATH1231 Mathematics 1B OR MATH1241 Higher Mathematics 1B				CEIC4000 Environment & Sustainability		General Education Course
Term 3	DESN1000 Engineering Design & Innovation	Term 3	CEIC2007 Chemical Engineering Lab A	Term 3	CEIC4951 Research Thesis A (4 UoC)	Term 3	Breadth Elective Course
	MATH2018 Engineering Mathematics 2D		DESN2000 Engineering Design and Practice		General Education Course		Free Elective Course
			CEIC3001 Advanced Thermodynamics and Separation		Free Elective Course		

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

CEIC1000 is suggested as the free elective

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)

Chemical Engineering (CEICAH)

T2 Entry 2024 Sample Plan



UNSW
SYDNEY

Year 1		Year 2		Year 3		Year 4	
Term 2	MATH1131 Mathematics 1A	Term 2	CEIC2002 Heat and Mass Transfer	Term 2	CEIC3006 Process Dynamics and Control	Term 2	CEIC4951 Research Thesis A (4 UoC)
	PHYS1121 Physics 1A QR PHYS1131 Higher Physics 1A		CEIC2005 Chemical Reaction Engineering		CEIC3007 Chemical Engineering Lab B		CEIC4000 Environment & Sustainability
	CHEM1011 Chemistry 1A: Atoms, Molecules and Energy		MATH2018 Engineering Mathematics 2D		General Education Course		Free Elective Course
Term 3	MATH1231 Mathematics 1B	Term 3	CEIC2007 Chemical Engineering Lab A	Term 3	DESN2000 Engineering Design and Practice	Term 3	CEIC4952 Research Thesis B (4 UoC)
	ENGG1811 Computing for Engineers		DESN1000 Engineering Design & Innovation		Free Elective Course		General Education Course
	CHEM1021 Chemistry 1B: Elements, Compounds and Life		CEIC3001 Advanced Thermodynamics and Separation		Breadth Elective Course		Depth Elective Course
Term 1	CEIC2000 Materials and Energy Systems	Term 1	CEIC3000 Process Modelling and Analysis	Term 1	CEIC4001 Process Design Project (12 UoC)	Term 1	CEIC4953 Research Thesis C (4 UoC)
	CEIC2001 Fluid and Particle Mechanics		CEIC3004 Process Equipment and Design				
	MATH2089 Numerical Methods and Statistics		CEIC3005 Process Plant Design				

NOTES	Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999
	CEIC1000 is suggested as the free elective
	Students who begin in Term 2, are permitted to enrol into CHEM1011 and CHEM1021 in place of CHEM1811+1821, or may take a combination of those courses with permission from course convenor.
	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)

Chemical Engineering (CEICAH)

T3 Entry 2024 Sample Plan



UNSW
SYDNEY

Year 1		Year 2		Year 3		Year 4	
Term 3	ENGG1811 Computing for Engineers	Term 3	MATH2089 Numerical Methods and Statistics	Term 3	CEIC2007 Chemical Engineering Lab A	Term 3	CEIC4951 Research Thesis A (4 UoC)
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		MATH2018 Engineering Mathematics 2D		DESN2000 Engineering Design and Practice		CEIC4000 Environment & Sustainability
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A		Free Elective		CEIC3001 Advanced Thermodynamics and Separation		Breadth Elective
Term 1	DESN1000 Engineering Design & Innovation	Term 1	CEIC2000 Materials and Energy Systems	Term 1	CEIC3000 Process Modelling and Analysis	Term 1	CEIC4001 Process Design Project (12 UoC)
	CHEM1811 Engineering Chemistry 1A		CEIC2001 Fluid and Particle Mechanics		CEIC3004 Process Equipment and Design		CEIC4952 Research Thesis B (4 UoC)
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B				CEIC3005 Process Plant Design		
Term 2	CHEM1821 Engineering Chemistry 1B	Term 2	CEIC2002 Heat and Mass Transfer	Term 2	CEIC3006 Process Dynamics and Control	Term 2	CEIC4953 Research Thesis C (4 UoC)
	Free Elective Course		CEIC2005 Chemical Reaction Engineering		CEIC3007 Chemical Engineering Lab B		Depth Elective
			General Education Course				General Education Course

NOTES	<p>Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999</p> <p>CEIC1000 is suggested as the free elective</p> <p>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</p>
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