Engineering

Bachelor of Engineering (Honours) (3707)

Chemical Product Engineering (CEICDH)

T1 Entry 2024 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 1	**PHYS1121** Physics 1A OR **PHYS1131** Higher Physics 1A	**CEIC2000** Materials and Energy Systems	**MATH2018** Engineering Mathematics 2D	**CEIC4007** Product Design Project Thesis A
	CHEM1811 Engineering Chemistry 1A	**CEIC2001** Fluid and Particle Mechanics	**CHEM3021** Organic Chemistry: Modern Synthetic Strategies	**CEIC6711** Complex Fluids Microstructure & Rheology
	MATH1131 Mathematics 1A OR **MATH1141** Higher Mathematics 1A	**MATH2089** Numerical Methods and Statistics	**General Education Course**	**Discipline Elective Course**
Term 2	**ENGG1811** Computing for Engineers	**CEIC2002** Heat and Mass Transfer	**CEIC8104** Topics in Polymer Technology	**CEIC4008** Product Design Project Thesis B
	CHEM1821 Engineering Chemistry 1B	**CEIC2005** Chemical Reaction Engineering	**CEIC4000** Environment and Sustainability	**CEIC8204** Entrepreneurship & the Innovation Cycle OR **ELEC4445** Entrepreneurial Engineering
	MATH1231 Mathematics 1B OR **MATH1241** Higher Mathematics 1B	**CHEM2021** Organic Chemistry: Mechanisms & Biomolecules	**Free Elective Course**	**Discipline Elective Course**
Term 3	**DESN1000** Engineering Design & Innovation	**CHEM2031** Inorganic Chemistry: The Elements	**CEIC3001** Advanced Thermodynamics and Separation	**General Education Course**
	CHEM2041 Analytical Chemistry: Essential Methods	**DESN2000** Engineering Design and Practice	**Discipline Elective Course**	**Free 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)

Chemical Product Engineering (CEICDH)

T2 Entry 2024 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 2	**ENGG1811** Computing for Engineers	**CHEM1821** Engineering Chemistry 1B	**CEIC2002** Heat and Mass Transfer	**CEIC4008** Product Design Project Thesis B
	MATH1131 Mathematics 1A	**CEIC2005** Chemical Reaction Engineering	**CHEM2021** Organic Chemistry: Mechanisms & Biomolecules	**CEIC4000** Environment and Sustainability
	PHYS1121 Physics 1A OR **PHYS1131** Higher Physics 1A	**MATH2018** Engineering Mathematics 2D	**CEIC8104** Topics in Polymer Technology	**CEIC8204** Entrepreneurship & the Innovation Cycle OR **ELEC4445** Entrepreneurial Engineering
Term 3	**DESN1000** Engineering Design & Innovation	**CHEM2041** Analytical Chemistry: Essential Methods	**CHEM2031** Inorganic Chemistry: The Elements	**Discipline Elective Course**
	MATH1231 Mathematics 1B	**DESN2000** Engineering Design and Practice	**CEIC3001** Advanced Thermodynamics and Separation	**Discipline Elective Course**
	Free Elective Course	**General Education Course**		**Free Elective Course**
Term 1	**CHEM1811** Engineering Chemistry 1A	**CEIC2001** Fluid and Particle Mechanics	**CEIC4007** Product Design Project Thesis A	**Discipline Elective Course**
	MATH2089 Numerical Methods and Statistics	**CEIC2000** Materials and Energy Systems	**CEIC6711** Complex Fluids Microstructure & Rheology	**General Education Course**
			CHEM3021 Organic Chemistry: Modern Synthetic Strategies	

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

CEIC1000 is suggested as the free elective

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Engineering

Bachelor of Engineering (Honours) (3707)

Chemical Product Engineering (CEICDH)

T3 Entry 2024 Sample Plan

UNSW SYDNEY

	Year 1	Year 2	Year 3	Year 4
Term 3	**MATH1131** Mathematics 1A OR **MATH1141** Higher Mathematics 1A	**Free Elective Course**	**CHEM2031** Inorganic Chemistry: The Elements	**CEIC3001** Advanced Thermodynamics and Separation
	PHYS1121 Physics 1A OR **PHYS1131** Higher Physics 1A	**CHEM2041** Analytical Chemistry: Essential Methods	**DESN2000** Engineering Design and Practice	**General Education Course**
	DESN1000 Engineering Design & Innovation	**MATH2089** Numerical Methods and Statistics		
Term 1	**ENGG1811** Computing for Engineers	**CEIC2000** Materials and Energy Systems	**Discipline Elective Course**	**CEIC4007** Product Design Project Thesis A
	CHEM1811 Engineering Chemistry 1A	**CEIC2001** Fluid and Particle Mechanics	**CHEM3021** Organic Chemistry: Modern Synthetic Strategies	**CEIC6711** Complex Fluids Microstructure & Rheology
	MATH1231 Mathematics 1B OR **MATH1241** Higher Mathematics 1B		**General Education Course**	**Discipline Elective Course**
Term 2	**MATH2018** Engineering Mathematics 2D	**CEIC2002** Heat and Mass Transfer	**CEIC8104** Topics in Polymer Technology	**CEIC4008** Product Design Project Thesis B
	CHEM1821 Engineering Chemistry 1B	**CEIC2005** Chemical Reaction Engineering	**CEIC4000** Environment and Sustainability	**CEIC8204** Entrepreneurship & the Innovation Cycle OR **ELEC4445** Entrepreneurial Engineering
		CHEM2021 Organic Chemistry: Mechanisms & Biomolecules	**Free Elective Course**	**Discipline 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

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