

Bachelor of Engineering (Honours) (3707)

Chemical Product Engineering (CEICDH)

T1 Entry 2023 Sample Plan



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

NOTES	<p>Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999</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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T2 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	ENGG1811 Computing for Engineers	Term 2	CHEM1821 Engineering Chemistry 1B	Term 2	CEIC2002 Heat and Mass Transfer	Term 2	CEIC4008 Product Design Project Thesis B
	MATH1131 OR MATH1141 (Higher) Mathematics 1A		CEIC2005 Chemical Reaction Engineering		CHEM2021 Organic Chemistry: Mechanisms & Biomolecules		CEIC4000 Environment and Sustainability
	PHYS1121 OR PHYS1131 (Higher) Physics 1A		MATH2018 Engineering Mathematics 2D		CEIC8104 Topics in Polymer Technology		CEIC8204 OR ELEC4445 Entrepreneurship & the Innovation Cycle
Term 3	DESN1000 Engineering Design & Innovation	Term 3	CHEM2041 Analytical Chemistry: Essential Methods	Term 3	CHEM2031 Inorganic Chemistry: The Elements	Term 3	Discipline Elective Course
	MATH1231 OR MATH1241 (Higher) 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	Term 1	CEIC2001 Fluid and Particle Mechanics	Term 1	CEIC4007 Product Design Project Thesis A	Term 1	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

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T3 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 3	MATH1131 OR MATH1141 (Higher) Mathematics 1A	Term 3	Free Elective Course	Term 3	CHEM2031 Inorganic Chemistry: The Elements	Term 3	CEIC3001 Advanced Thermodynamics and Separation
	PHYS1121 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	Term 1	CEIC2000 Materials and Energy Systems	Term 1	Discipline Elective Course	Term 1	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 OR MATH1241 (Higher) Mathematics 1B				General Education Course		Discipline Elective Course
Term 2	MATH2018 Engineering Mathematics 2D	Term 2	CEIC2002 Heat and Mass Transfer	Term 2	CEIC8104 Topics in Polymer Technology	Term 2	CEIC4008 Product Design Project Thesis B
	CHEM1821 Engineering Chemistry 1B		CEIC2005 Chemical Reaction Engineering		CEIC4000 Environment and Sustainability		CEIC8204 OR ELEC4445 Entrepreneurship & the Innovation Cycle
			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

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