B.Eng (Hons) (Industrial Computer Systems Engineering)

For students commencing in Semester 1 2020 at the South Street, Murdoch Campus

This sample study plan is based on the 2019 course structure and offerings. It is the responsibility of students to ensure the correct availability of units in each semester of each academic year.

	Semester 1			Semester 2	
Year 1	BEN100 Transitioning into Engineering BEN150 Design Concepts in Engineering Engineering Elective MAS182 Applied Mathematics	3pts 3pts 3pts 3pts		ENG109 Engineering Computing Systems MAS161 Calculus and Matrix Algebra ENG192 Energy, Mass Flow Engineering Elective	3pts 3pts 3pts 3pts
		12pts			12pts
Year 2	ENG298 Principles of Process Engineering ENG225 Circuits and Systems I Engineering Elective ENG299 Control Systems and Process Dynamics	3pts 3pts 3pts 3pts		ENG294 Discrete Time Systems ENG207 Principles of Electronic Instrumentation MAS221 Mathematical Modelling ENG297 Circuits and Systems II	3pts 3pts 3pts 3pts
		12pts			12pts
Year 3	ENG311 PLC Systems BEN300 Innovation and Ethics in Engineering Engineering Elective Engineering Elective	3pts 3pts 3pts 3pts		ENG336 Engineering Finance and Law ENG319 Real Time and Embedded Systems ENG321 Instrument and Communication System Engineering Elective	3pts 3pts 3pts 3pts
		12pts			12pts
Year 4	ENG448 SCADA and Systems Architecture Engineering Elective ENG470 Honours Thesis (6pt)	3pts 3pts 6pts		ENG447 Industrial Computer Systems Design Engineering Elective ENG470 Honours Thesis (6pt)	3pts 3pts 6pts
		12pts			12pts