

# B.Com (Management) & B.Eng (Hons) Double Major (Instrumentation and Control Engineering the Electrical Power Engineering)

For students commencing in Semester 2 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				ENG109 Engineering Computing Systems	3pts
				MAS182 Applied Mathematics	3pts
				<b>BUS163 Introduction to Accounting</b>	3pts
				ENG192 Energy, Mass Flow	3pts
					12pts
Year 2		BEN100 Transitioning into Engineering	3pts	ENG294 Discrete Time Systems	3pts
		BEN150 Design Concepts in Engineering	3pts	ENG207 Principles of Electronic Instrumentation	3pts
		<b>ENG225 Circuits and Systems I</b>	3pts	<b>ENG297 Circuits and Systems II</b>	3pts
		MAS161 Calculus and Matrix Algebra	3pts	BUS124 Global Marketing	3pts
			12pts		12pts
Year 3		ENG299 Control Systems and Process Dynamics	3pts	BUS122 Business in Society	3pts
		<b>BUS123 Management in a Global Environment</b>	3pts	BUS171 Foundations of Economics	3pts
		ENG298 Principles of Process Engineering	3pts	BUS293 Organisation Theory & Behaviour	3pts
		BEN300 Innovation and Ethics in Engineering	3pts	BUS230 Change Management	3pts
			12pts		12pts
Year 4		ENG308 Advanced Process and Instrumentation Engineering	3pts	ENG323 Power Transmission and Distribution Networks	3pts
		ENG317 Electromechanical Energy Conversion	3pts	ENG322 Process Control Engineering II	3pts
		ENG309 Process Control Engineering I	3pts	BUS368 Cultures of Innovation	3pts
		BUS219 International Business	3pts	BUS338 Global Strategic Management	3pts
			12pts		12pts
Year 4		ENG318 Power Electronic Converters and Systems	3pts	ENG446 Process Control and Safety Systems	3pts
		BUS369 Standing in the Nexus; Bridging People and Networks	3pts	ENG451 Power Systems Protection and Control	3pts
		BUS334 Business Analytics	3pts	ENG470 Engineering Thesis (6pts)	6pts
		BUS353 Making it Real; Operations & Project Management for Scale	3pts		
			12pts		12pts
Year 5		ENG445 Instrumentation and Control Systems Design	3pts		
		ENG449 Electrical Power Systems Design	3pts		
		ENG470 Engineering Thesis (6pts)	6pts		
			12pts		