Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online Handbook . Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course. Correct as at 26.10.2020

Sample Course Plan - Semester 1 2020 entry

Bachelor of Engineering Honours & Bachelor of Business - 120 credit points

Academic Chair: Dr David Parlevliet | **Email:** d.parlevliet@murdoch.edu.au

	Semester 1		Semester 2	
Year 1	BEN100 Transitioning into Engineering	3pts	ENG109 Engineering Computing Systems	3pts
	BEN150 Design Concepts in Engineering	3pts	MAS161 Calculus and Matrix Algebra	3pts
	BUS123 Management in a Global Environment	3pts	BUS124 Global Marketing	3pts
	MAS182 Applied Mathematics	3pts	ENG192 Energy, Mass Flow	3pts
		12pts		12pts
Year 2	ENG225 Circuits and Systems I	3pts	ENG294 Discrete Time Systems	3pts
	ENG298 Principles of Process Engineering	3pts	ENG207 Principles of Electronic Instrumentation	3pts
	BEN300 Innovation and Ethics in Engineering	3pts	BUS163 Introduction to Accounting	3pts
	ENG299 Control Systems and Process Dynamics	3pts	ENG297 Circuits and Systems II	3pts
		12pts		12pts
Year 3	ENG308 Advanced Process and Instrumentation Engineering	3pts	BSL165 Foundations of Business Law	3pts
	ENG317 Electromechanical Energy Conversion	3pts	BUS171 Foundations of Economics	3pts
	ENG318 Power Electronic Converters and Systems	3pts	BUS293 Organisation Theory & Behaviour	3pts
	BUS219 International Business	3pts	BUS230 Change Management	3pts
		12pts		12pts
Year 4	ENG309 Process Control Engineering I	3pts	ENG323 Power Transmission and Distribution Networks	3pts
	BUS369 Standing in the Nexus; Bridging People and Networks	3pts	ENG322 Process Control Engineering II	3pts
	BUS334 Business Analytics	3pts	BUS338 Global Strategic Management	3pts
	BUS353 Making it Real; Operations & Project Management for Scale	3pts	Engineering Elective	3pts
		12pts		12pts
Year 5	ENG445 Instrumentation and Control Systems Design	3pts	ENG446 Process Control and Safety Systems	3pts
	ENG449 Electrical Power Systems Design	3pts	ENG451 Power Systems Protection and Control	3pts
	ENG470 Engineering Thesis (6pts)	6pts	ENG470 Engineering Thesis (6pts)	6pts
		12pts		12pts