

Combined B.Eng (Hons) (Instrumentation and Control Engineering and Electrical Power Engineering) and Bachelor of Entrepreneurship and Innovation

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	
2019	Year 1	BEN100 Transitioning into Engineering BEN150 Design Concepts in Engineering BUS123 Management in a Global Environment MAS182 Applied Mathematics	3pts 3pts 3pts 3pts	ENG109 Engineering Computing Systems MAS161 Calculus and Matrix Algebra BUS163 Introduction to Accounting ENG192 Energy, Mass Flow	3pts 3pts 3pts 3pts
			12pts		12pts
2020	Year 2	ENG225 Circuits and Systems I ENG298 Principles of Process Engineering BUS171 Foundations of Economics ENG299 Control Systems and Process Dynamics	3pts 3pts 3pts 3pts	ENG294 Discrete Time Systems ENG207 Principles of Electronic Instrumentation BSL165 Foundations of Business Law ENG297 Circuits and Systems II	3pts 3pts 3pts 3pts
			12pts		12pts
2021	Year 3	ENG308 Advanced Process and Instrumentation Engineering ENG317 Electromechanical Energy Conversion ENG318 Power Electronic Converters and Systems BEN300 Innovation and Ethics in Engineering	3pts 3pts 3pts 3pts	BUS124 Global Marketing BUS221 Entrepreneurial Strategy BUS368 Cultures of Innovation	3pts 6pts 3pts
			12pts		12pts
2022	Year 4	ENG309 Process Control Engineering BUS369 Standing in the Nexus: Bridging People and Networks BUS353 Making it Real: Operations and Project Management for Scale BUS365 Influencing on the Inside	3pts 3pts 3pts 3pts	ENG323 Power Transmission and Distribution Networks ENG322 Process Control Engineering II BUS367 The Compelling Entrepreneur: Stand and Deliver	3pts 3pts 6pts
			12pts		12pts
2023	Year 5	ENG445 Instrumentation and Control Systems Design ENG449 Electrical Power Systems Design ENG470 Engineering Thesis	3pts 3pts 6pts	ENG446 Process Control and Safety Systems ENG451 Power Systems Protection and Control ENG470 Engineering Thesis	3pts 3pts 6pts
			12pts		12pts