



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

TIANJIN POLYTECHNIC UNIVERSITY

Bachelor of Engineering (Electrical Engineering & Automation)

Students granted the maximum credit transfer will be exempt from the following UOW subjects:

Institution Subject Name	UOW Code	UOW Subject Name	Credit Points
Advanced Mathematics 1	MATH141	Foundations of Engineering Mathematics	6
Advanced Mathematics 2	MATH142	Essentials of Engineering Mathematics	6
Matlab	ENGG100	Engineering Computing and Analysis	6
College Physics and Experiments 1	ENGG102	Fundamentals of Engineering Mechanics	6
Materials in Design	ENGG103	Materials in design	6
Electrical Systems	ENGG104	Electrical Systems	6
Engineering Design	ENGG105	Engineering Design for Sustainability	6
College Physics and experiments 2	PHYS143	Physics For Engineers	6
Engineering Mathematics	MATH283	Advanced Engineering Mathematics and Statistics	6
Advanced C Language Programming	CSCI291	Programming for Engineers	6
Circuit Theory	ECTE202	Circuits and Systems	6
Digital Circuits	ECTE233	Digital Hardware	6
Analog Electronics	ECTE212	Electronics	6
Signals and Systems	ECTE203	Signals and Systems	6
Engineering Design and Management 2	ECTE250	Engineering Design and Management 2	6



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Institution Subject Name	UOW Code	UOW Subject Name	Credit Points
Engineering Electromagnetics	ECTE213	Engineering Electromagnetics	6
Digital Signal Processing	ECTE301	Digital Signal Processing	6
Communication Systems	ECTE363	Communication Systems	6
Engineering Design and Management 3	ECTE350	Engineering Design and Management 3	6
Micro-controller Architecture and Applications	ECTE333	Microcontroller Architecture and Applications	6
Power Engineering 1	ECTE324	Power Engineering 1	6
Data Communications	ECTE364	Data Communications	6
Control Theory	ECTE344	Control Theory	6
Power Engineering 2	ECTE323	Power Engineering 2	6