

T _r Master of Applied Engineering - Unit Offering List 2026	Offering in S1 2026	Offering in S2 2026
CHE5805 Waste management and biomass transformation		Yes
CHE5806 Low-carbon technology	Yes	
CHE5807 Carbon footprint and energy management		Yes
CHE5833 Carbon capture, storage and utilisation	Yes	
CIV5100 Autonomous vehicle system	Yes	
CIV5314 Planning urban mobility futures	Yes	
CIV5801 Green building	Yes	
CIV5802 Smart urban mobility and digital twins		Yes
CIV5803 Electric mobility		Yes
ECE5063 Large scale digital design	Yes	
ECE5701 Engineering IoT network systems	Yes	
ECE5702 Machine-to-machine storage and communication	Yes	
ECE5703 Communication network protocols for industrial IoT		Yes
ECE5704 Smart sensors and embedded systems		Yes
ECE5179 Neural networks and deep learning		Yes
ECE5830 Advanced semiconductor devices	Yes	
ECE5831 Microsystem packaging, assembly and testing		Yes
ECE5838 Microsystems and semiconductor fabrication		Yes
ENG5805 Statistical data processing and operations research	Yes	
ENG5813 Industry-based project A	Yes	Yes
ENG5814 Industry-based project B	Yes	Yes
MEC5156 Advanced robotics in manufacturing		Yes
MEC5801 Industrial ecology	Yes	
MEC5806 Energy management and audit		Yes
MEC5885 Energy efficiency and sustainability	Yes	
MEC5886 Sustainable energy technologies		Yes
MEC5891 Design for additive manufacturing	Yes	
MEC5897 Lean manufacturing		Yes
TRC5801 Data-driven supply chain optimisation and AI applications	Yes	
TRC5901 Applied artificial intelligence		Yes